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# REFERENCE BOOK

*for Home and Nature Lovers*



*100 Years  
of Progress  
and Service  
1842-1942*



CAPITAL CITY  
Lawn and Golf Grass Seeds  
Scientifically Blended

## CADWELL & JONES, Inc.

HARTFORD, CONNECTICUT

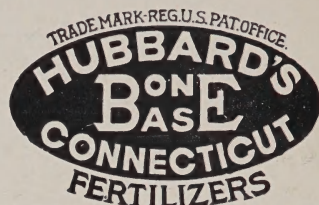


# Plant Foods • Fertilizers • Soil Builders for Lawns, Gardens, Greenhouses and House Plants



Manufactured by the  
Rogers & Hubbard Co.,  
Portland, Connecticut

Established 1878



**CADWELL & JONES, INC.**  
**DISTRIBUTORS**

Hubbard's fertilizers are strictly high-grade, highly concentrated, fine, dry and free from objectionable odors, containing all the elements needed by lawns, flowers, vegetables, etc., for their quick growth, early maturing and perfect development.

The ingredients are quickly soluble and immediately feed the plants, stimulating them into healthy, luxuriant growth.



**HUBBARD'S  
GOLF  
COURSE  
FERTILIZER**  
**FOR LAWNS AND  
GOLF PUTTING-  
GREENS**

A well-balanced organic chemical formula of the purest ingredients designed to feed grasses and keep them in a healthy condition.

## HANDY PACKAGE SIZES



5 lbs.  
10 lbs.  
25 lbs.  
100 lbs.  
Tons



**FEED YOUR PLANTS  
WITH OUR SCIENTIFI-  
CALLY PREPARED FOOD**



# CADWELL & JONES, Inc.

1084-1086 Main St.

Hartford, Connecticut

Phone 2-1171

Conveniently Located in the Shopping District

## Lawn — Garden and Farm Requisites Spring Edition 1942

### 1942 Marks Our 100<sup>th</sup> Anniversary

**QUALITY** is the foundation upon which all permanent business must rest. On the occasion of the hundredth anniversary of our business we take pride and satisfaction in reviewing our relationship over four generations with our many friends and customers and reiterating the policy of quality which has done so much to establish our position in the Seed industry.

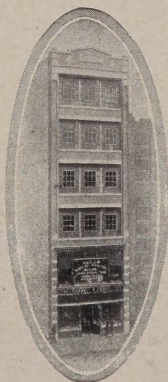
On the following pages we present for your approval many of the outstanding seeds, bulbs and plant novelties introduced this season, together with a wide and varied selection of the best new kinds of the past few years, and as standard sorts which still predominate in the field of horticulture. **We wish to call your special attention to the several offers we are making throughout the pages of this book. They are all worth while.**

**COME AND SEE US.** You will find a hearty welcome here, and we shall be pleased to show you our building of seven floors filled with a complete stock of Flower, Vegetable, Grass and Farm Seeds, Flower Bulbs, Tools—Garden Gadgets—Insecticides and Fertilizers. Gaine's Dog Foods—Bird Foods and Feeders.

#### **FREE PARKING.**

**SEASONABLE DISPLAYS.** To make shopping easier and more interesting to you, we have taken great care in displaying our merchandise.

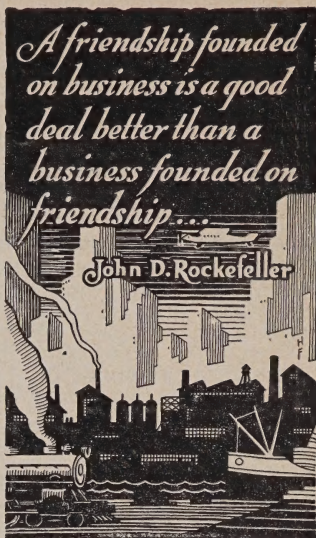
*It is our pleasure to greet you as an old friend or a new one, with this illustrated catalog.*



*We assure you that we shall endeavor to serve you in such a manner as to merit your business friendship.*



**Seven Floors Equipped Ready to Serve You**



**YOUR TELEPHONE ORDERS** are welcome, and we give them expert attention at all times; however, during the rush season you will find less delay in reaching us before 11 a.m. and after 2 p.m.

**DAILY DELIVERIES.** We make deliveries daily in Greater Hartford and surrounding cities and towns. Our auto trucks are equipped for speedy, efficient service.

**YOUR MAIL ORDERS.** We give special attention to your mail orders and endeavor to dispatch the merchandise ordered on the day of receipt, if possible, unless requested otherwise.



# Leaders in the 1942 Flower Parade



- 1—Morning Glory, Pearly Gates
- 2—Cleome, Spider Plant, Pink Queen
- 3—Marigold, Dwarf Butterball
- 4—Double Crested Zinnias

A PAGEANTRY OF NEW BEAUTY, GRACE  
AND INDIVIDUALITY — NEW COLOR TINTS  
NEW DOUBLE FLOWERS

The Choice of the Nation's Leading  
Horticultural Judges

## MORNING GLORY, PEARLY GATES

Large satiny white flowers, creamy shading in the throat gives this climber a beautiful appearance. Plant with Heavenly Blue and Scarlett O'Hara for Red, White and Blue. Grows 12 ft. with luxurious foliage. Pkt., 25c.

## CLEOME, PINK QUEEN

A tall attractive border plant with huge heads of delightful and refreshing pink flowers; reaches 4 ft.; well branched, blooming from June until frost. A grand flower. Pkt., 25c.

## MAGNIFICENT NEW PETUNIA HYBRIDA, RADIANCE

Brilliant cerise-rose, throat golden yellow, decidedly free flowering, holds its neat habit and blooms until late fall. Pkt., 25c.

## SENSATIONAL PETUNIA, VICTORIOUS ALL-DOUBLE GIANT FRINGED MIXED.

Famous new strain. 100 per cent double. Pkt., 50c.

## A MULTITUDE OF FLOWERS—MARIGOLD, DWARF GIGANTEA, POT O' GOLD

Intense dazzling gold, bearing a dozen or more blossoms at a time, 4½ inches in diameter, on long stems. Plants grow 12 to 15 inches high. Very showy in the home garden. Pkt., 25c.

## PATRIOTIC PETUNIA, BETSY ROSS COMPACTA

The color is red and white, blending to golden; deep red throat unsurpassed for bedding and pot plants. Pkt., 25c.

## INCURVED PETELED MARIGOLD, MISSION GIANTS

Produces from 8 to 12 excellent cutting flowers on plants 18 inches tall, resembling giant incurved chrysanthemums. Blended well balanced mixture. Pkt., 25c.

## MAKE YOUR GARDEN GAY WITH AUTUMN PLANTED BULBS

Tulips, Crocus, Hyacinths, Narcissus, etc., for spring blooming. See our fascinating display. Ready about September 1st.



Marigold, Butterball

## MARIGOLD, DWARF, BUTTERBALL

You will like this 6 in. to 10 in. continuous flowering border plant. Most desirable, rich dense foliage well covered with canary-yellow blossoms until killed by frost. Pkt., 25c.

## MARIGOLD, DOUBLE HARMONY HYBRIDS

Compact plants are 12 to 14 inches tall, 100 per cent all double, early flowering border plants. Innumerable blotched and striped combinations of golden orange with maroon. Pkt., 15c.

## LOVELY NEW AGERATUM, MIDGET BLUE

Fine dwarf (2 to 3 inches high), practically smothered with Ageratum-blue flowers. Pkt., 25c.

## A REMARKABLE NEW HOLLYHOCK, ANNUAL INDIAN SPRING

Easy-to-grow annuals. Profuse bloomers for everybody's garden. 3½ to 4 feet tall. Pkt., 15c.

## NEW SPRING FLOWERING SWEET PEAS

A new type starting to flower earlier than Spencers and continuing throughout the hot weather. Large flowers on long stems, Rose, Pink, Lavender and Blue in mixture. Pkt., 25c; oz., 75c.

## GIANT ZINNIAS, HOWARD CRESTED

The effect of a bouquet of this gorgeous new strain catches the eye at once. As a cut flower or for the garden they are without peer. Pkt., 25c.

## AN OUTSTANDING NEW ALYSSUM COMPACTUM, VIOLET QUEEN

Plants are dwarf and compact; free flowering, sweet scented, rich violet flowers for borders and edgings. Pkt., 15c.



Morning Glory, Pearly Gates



# Presenting — A Selection of the Best NORTHERN GROWN ROSES



*Crimson Glory*

## CLIMBING ROSES

**Mary Wallace.** Bright rose-pink, salmon base, moderate climber.

**Paul's Scarlet Climber.** Vivid scarlet. Most popular red climber.

## POLYANTHA ROSES

These form dwarf bushes, bearing clusters of small, double Roses throughout the entire season.

**Chatillon Rose.** Crimson-rose with white center.

## ROSE NOVELTIES

**Crimson Glory.** U. S. Plant Patent No. 105. Vivid crimson with velvety blood-red nap. Strong grower. **\$1.25 each; \$14.00 per doz.**

**Glowing Sunset.** U. S. Plant Patent No. 104. Artistically formed, fragrant flowers in a color blend of orange, yellow, pink and apricot. **\$1.25 each; \$14.00 per doz.**

**Heart's Desire.** Highest All-America Award. Color pure even shade of luminous red; sun-proof and very fragrant. **\$1.75 each.**

**R. M. S. Queen Mary.** Plant Patent No. 249. Salmon-pink with orange base. Fine form. Fragrant. **\$1.25 each; \$14.00 per doz.**

## CLIMBING ROSE

**Golden Glow.** Plant Patent No. 263. Pure bright yellow in clusters of four or five large double fragrant flowers; vigorous climber. **\$1.25 each; \$14.00 per doz.**

## TRI-GEN

The complete Rose protection against plant insects and diseases. **Small kit, \$1.50; medium kit, \$4.00; large kit, \$6.00.**

## FUNGOTROGEN

Conquers mildew. Controls black-spot. Assures luxuriant foliage and bloom. **Qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.**

## Save Disappointments — Grow Pot-Grown Roses

We can supply all varieties listed in field-grown budded plants, with a nicely established root system. **Pot-grown, 95c each; \$10.00 per doz.** (Except where otherwise priced.) Ready about May 1st.

## ORANGE

**Hinrich Gaede.** Nasturtium-red, shaded golden yellow. Fragrant.

**Autumn.** Burnt orange streaked with red.

**Margaret McGredy.** Brilliant red petals in tinges of deep gold.

**President Herbert Hoover.** Orange and cerise-pink, flame-scarlet and yellow.

**Talisman.** Bright apricot and deep rose-pink.

## WHITE

**Caledonia.** The most desirable fragrant white.

**Mme. Jules Bouche.** White, with slight blush, very double and fragrant.

## RED

**E. G. Hill.** Beautiful full double, high-centered flower of dazzling scarlet.

**Etoile de Hollande.** Popular brilliant crimson-red.

**McGredy's Scarlet.** Brilliant fragrant scarlet.

**Gypsy Lass.** Scarlet-crimson, maroon shadings.

## PINK

**Dame Edith Helen.** Shapely, high-centered blooms of clear pink.

**Betty Uprichard.** Fragrant salmon-pink.

**Imperial Potentate.** Dark, shining rose-pink, shaded lighter on reverse of petals.

**Miss Rowena Thom.** Brilliant rose-pink with old gold center.

**Mrs. Henry Morse.** Beautiful two-toned pink with golden sheen.

## YELLOW

**Mrs. Pierre S. DuPont.** Deep golden yellow. Fragrant.

**Souvenir de Claudius Pernet.** Striking sunflower yellow.

**Ville de Paris.** Rich buttercup-yellow.

**Golden Rapture.** Large double yellow.

**Golden Dawn.** The ideal yellow Rose.



*Miss Rowena Thom*



# Gladiolus for Brilliance and Loveliness

CADWELL & JONES BEST LONG FLOWER SPIKE VARIETIES

Use NAPHTHALENE-FLAKES for the control of Thrips. Apply between the rows during growing season.

**Ave Maria.** Most beautiful light blue with small purple blotch. Doz., 50c; 100, \$3.00.

**Bleeding Heart.** White, tinted pink with large red blotch. Doz., 50c; 100, \$3.00.

**Betty Nuthall.** A sparkling orange-pink, deepening to coral. Flowers often six inches across. Doz., 45c; 100, \$2.75.

**Catherine Coleman.** Salmon-pink, small blotch, long flower head and a prize winner. Doz., 50c; 100, \$3.00.

**Charles Dickens.** Very tall, strong plant, large purple flowers. Doz., 45c; 100, \$2.75.

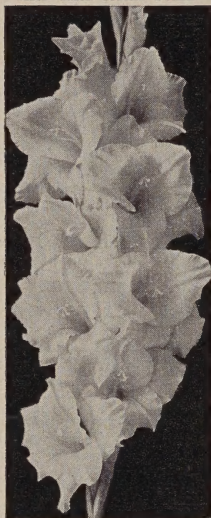
**Commander Koehl.** Dark scarlet without markings. Tall, straight flowers. Doz., 50c; 100, \$3.00.

**Dr. F. E. Bennett.** An unusual red, most fiery imaginable, and very large flowering, many open. Diener's best red. A monster in growth and vigor. Doz., 45c; 100, \$2.75.

**Golden Chimes.** Lovely soft yellow, large open flowers. Doz., 60c; 100, \$4.00.

**Golden Dream.** Pure golden yellow, very large flowers of good substance, robust grower and considered the best yellow on the market. A super Glad. Doz., 45c; 100, \$2.75.

OUR BULBS ARE TREATED  
AND ARE THRIP FREE



Be Up-To-Date — Grow  
Modern Gladiolus

**Maid of Orleans.** Large milky white with deep cream throat, rather early. Doz., 45c; 100, \$2.75.

**Milford.** A new pale blue without a blotch. Large flowers on strong spikes. Doz., 60c; 100, \$4.00.

**Minuet.** Self-colored lavender, striking blossoms. Doz., 50c; 100, \$3.00.

**Mother Machree.** Beautiful lavender-wine-tinted, overlaid with salmon-pink. Best so-called "smokies." Doz., 50c; 100, \$3.00.

**Phyllis McQuiston.** A new clear pink, better than W. H. Phipps; fine spike with very large flowers. Doz., 50c; 100, \$3.00.

**Picardy.** Clear soft shrimp-pink shaded deeper at edges. Doz., 45c; 100, \$2.75.

**Pfitzer's Triumph.** Giant flower of orange-salmon, blotched red. Doz., 45c; 100, \$2.75.

**Schwabengirl.** A pure pink without markings; large, round flowers. Doz., 45c; 100, \$2.75.

**Veilchenblau.** True violet-blue flowers of large size. Doz., 50c; 100, \$3.00.

**Cadwell & Jones Exhibition Mixed.** Our own mixture. All the above and other choice sorts. Doz., 45c; 100, \$2.50.

## Giant Flowering Decorative Dahlias for Exhibition and Garden

The varieties listed will be found at nearly every Dahlia Show and are most desirable for cutting and house decoration. Write us regarding any varieties which we have not listed. Abbreviations: Cac.—Cactus; Dec.—Decorative.

	Each
<b>Avalon.</b> (Dec.) Perfect yellow.....	\$0.25
<b>California Idol.</b> (Dec.) Yellow.....	.50
<b>Charles G. Reed.</b> (Dec.) Burgundy-red.....	.50
<b>Clara Carder.</b> (Dec.) Pink.....	.50
<b>Frau O. Bracht.</b> (Cac.) Primrose-yellow.....	.75
<b>Girl of Hillcrest.</b> (Dec.) Clear apricot-buff.....	.35
<b>Hunt's Velvet Wonder.</b> (Dec.) Deep red.....	.50
<b>Jane Cowl.</b> (Dec.) Bronzy buff and old gold salmon center.....	.35
<b>Jean Trimbee.</b> (Dec.) Rich petunia-violet.....	.50
<b>Jersey's Beacon.</b> (Dec.) Chinese scarlet.....	.35
<b>Jersey's Beauty.</b> (Dec.) True pink, perfect.....	.35
<b>Jersey's Dainty.</b> (Cac.) Pure white.....	.50
<b>Jersey's Sovereign.</b> (Dec.) Salmon-orange.....	.35
<b>Jessie Crawford.</b> (Dec.) Orchid and white.....	.50
<b>Josephine G.</b> (Dec.) Rose-pink suffused yellow.....	.35
<b>Kentucky.</b> (Dec.) Brilliant salmon-orange.....	.35
<b>Monmouth Champion.</b> (Dec.) Orange-flame.....	.50
<b>Mrs. Bruce Collins.</b> (Cac.) Light yellow.....	.50
<b>Mrs. George Le Boutilier.</b> (Dec.) Carmine-red.....	.50
<b>Mrs. I. de V. Warner.</b> (Dec.) Lavender-pink.....	.25
<b>Myra Howard.</b> (Dec.) Pure gold with rose sheen.....	.50
<b>Olive Robertson.</b> (Cac.) A beautiful pink.....	.50

	Each
<b>Omar Khayyam.</b> (Dec.) Chinese-red with shadings of yellow and orange.....	\$0.35
<b>Prince of Persia.</b> (Dec.) Bright crimson.....	.50
<b>Rockley Moon.</b> (Dec.) Light lemon-yellow.....	.50
<b>Sanhican's Nymph.</b> (Cac.) Primrose-yellow tinted rose.....	.50
<b>Satan.</b> (Semi-Cac.) Deep red with golden tips.....	.50
<b>Shahrazad.</b> (Dec.) Rose color.....	.50
<b>Snowcap.</b> (Dec.) The most dependable white.....	.50
<b>Sultan of Hillcrest.</b> (Dec.) Yellow, suffused pink.....	.50
<b>Thomas A. Edison.</b> (Dec.) Royal-purple, staghorn petals, stiff stems.....	.50
<b>Uncle Tom.</b> (Dec.) As near black as any Dahlia.....	.50
<b>Volcano.</b> (Dec.) Orange-flame.....	1.00
<b>Wm. Hogan.</b> (Dec.) Garnet-red with white tips.....	.50
<b>New Miniature Dahlia.</b> Bishop of Llandaff. Duplex scarlet flowers, fernlike, dark bronze foliage, 2 ft. ....	.50

We have also a fine selection of Miniature, Pompon and Single Dahlias priced from 25c to \$1.00 each.

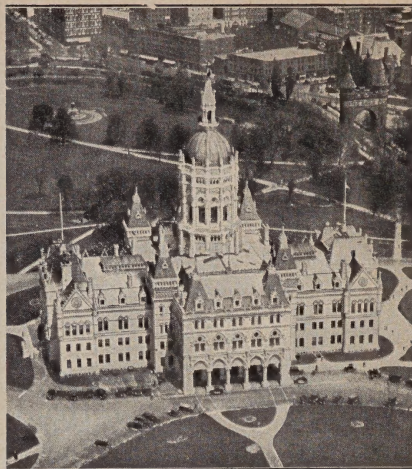
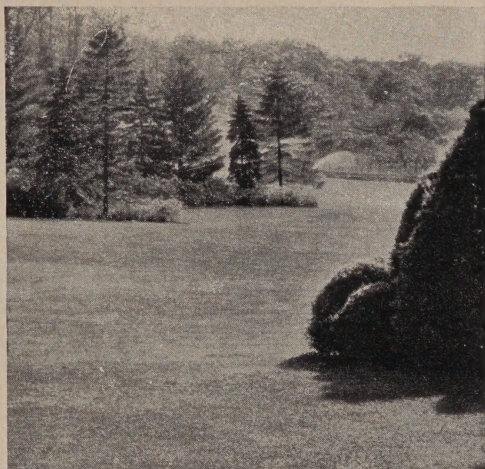
### DAHLIAS IN MIXTURE

Every year our grower has a quantity of Dahlias that has become mixed in handling. All good varieties tagged with color. Per doz., \$2.00.

See page 21 for Summer-Flowering Bulbs, Amaryllis, Begonias, Caladiums, Cannas, Lilies, Etc.

Treat Your Gladiolus and Dahlias with ROOTONE, the Root Forming Powder, Just Before Planting. (See page 47.)





## WARNING

The **Japanese Beetle** grubs have ruined some of our finest lawns in the fall and spring. Save your lawn—broadcast 12 lbs. Dry Arsenate of Lead per 1000 square feet. Can be easily applied with our Fertilizer Distributor mixed with Lawn Food. Application lasts three to five years. Market price.



Price, \$4.75

that go into the ordinary mixture. It is not a cheap lawn grass, but it is sold as cheaply as we can sell it considering the cost of the materials. 1 lb., 55c; 2 lbs., \$1.00; 3 lbs., \$1.45; 5 lbs., \$2.25; 10 lbs., \$4.40; 15 lbs., \$6.60; 25 lbs., \$11.00.

**ENGLISH-CHOICE LAWN GRASS SEED.** This mixture will provide a lawn of satisfactory appearance the first season for those who wish to make a moderate investment. 1 lb., 35c; 2 lbs., 70c; 5 lbs., \$1.75; 25 lbs., \$8.75.

## SHADY NOOK LAWN GRASS SEED

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places, and we recommend the use of this special mixture. In extremely shady spots or under trees, a liberal application of lime is recommended in the fall. Apply sheep manure and sow Shady Nook Lawn seed in early spring. 1 lb., 60c; 2 lbs., \$1.15; 3 lbs., \$1.65; 5 lbs., \$2.60; 10 lbs., \$4.80; 15 lbs., \$7.20; 25 lbs., \$12.00.

**CONNECTICUT GOLD SEAL LAWN GRASS SEED (Registered).** 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.60; 10 lbs., \$5.00; 25 lbs., \$12.50.

**CONNECTICUT GOLD SEAL SHADY LAWN GRASS SEED (Registered).** 1 lb., 65c; 2 lbs., \$1.25; 5 lbs., \$3.00; 10 lbs., \$5.50; 25 lbs., \$13.75.

## SPECIAL MIXTURES FOR GOLF LINKS, POLO FIELDS, ATHLETIC GROUNDS, BOWLING GREENS

We are prepared to furnish promptly, choice qualities of **Fancy Reclaimed Red Top, Kentucky Blue Grass, Penn-cennial Rye Grass, Creeping, Rhode Island, Astoria Bents, Chewings Fescue,** and other grasses used on golf courses and lawns.

Adco Weed Killer, see page 50—please.



Grass Seeder and  
Fertilizer Distributors  
Price, \$3.35 upwards



PENNSYLVANIA  
LAWN MOWERS



# CADWELL & JONES'

## Famous Flower Seeds

### 3-WAY TESTED

1. Germination
2. Quality of Flower
3. Completeness of Mixture



Plan and Plant a Flower Garden for Beauty, Health and Recreation

### Brief Hints on Sowing and Cultivation

**The Soil.** A mellow loam, which is a medium earth between the extremes of clay and sand, enriched with a compost of rotted manure and leaf-mold, is adapted to the general run of flowering plants. Previous to planting flower beds or borders, care must be taken that they are so arranged that the ground may be a little elevated in the middle, that the water may run off, and that the plants may show to better advantage.

**Sowing the Seed.** We urge every purchaser of our seeds to carefully study the cultural directions printed on each package, and the following general rules:

Do not plant any of the seeds when the ground is wet. Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; the finest, like *Portulaca*, *Campanula*, *Digitalis*, etc., should be merely sprinkled on the surface of the ground, and barely covered with finely sifted, light, mellow soil. Press soil down firmly over the seed with a brick or short piece of board. For large seeds, depth should be regulated according to size of seed; those the size of a pinhead,  $\frac{1}{2}$  inch deep, and those the size of a pea,  $\frac{3}{4}$  of an inch. Procure a bit of lath (it would be better if planed smooth) about 2 feet long, press the edge down into the soil evenly, so as to make a groove as deep as the seed is to be planted; scatter the seed along this, allowing four or five of the larger to fifteen or twenty of the smaller seeds to the space one plant is to occupy when grown. Cover the seed by pressing earth together over it, then turn your lath sideways and press soil down firmly and evenly.

### Acroclinium

Beautiful, everlasting flower, largely used for winter bouquets.

**New Large-Flowered Double Mixed.** Pkt., 10c.  
**Single Mixed.** Pkt., 10c.

### Ageratum

This plant blooms throughout the summer and is particularly effective for bedding as well as decidedly valuable for cut flowers. Can be started in hotbed or window box and transplanted after frost.

**Blue Perfection.** This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue, compact growth; fine bedder. Pkt., 10c.

**Fairy Pink.** Delightful salmon-rose-pink flowers. A dwarf compact plant. Fine for edgings. Pkt., 25c.

**Midget Blue.** See page 2.

**Tom Thumb.** Blue; rarely exceeds 6 inches in height. A very desirable variety; good for edges of beds, etc. Pkt., 10c.

### Amaranthus

**Tricolor Splendens** (Joseph's Coat). Brilliant foliage of crimson-yellow and bronze, excellent for borders. 2 ft. Pkt., 10c.

### Arctotis

**Giant Hybrids.** Large, narrow-petaled, daisy-like flowers in unusual shades of bronze, brown, russet, terra cotta, apricot, light and dark yellow, pink, rose, red, mauve and almost scarlet, besides white. 10 to 12 in. Pkt., 15c.

### Balloon Vine

A handsome summer climber, having small white flowers. 15 ft. Hardy annual. Pkt., 10c.

### Alyssum

#### Queen of the Edging Plants

The delicate honey-like fragrance of its flowers, so much prized in bouquets and baskets, makes this old favorite largely grown. Hardy annual.

**Sweet Alyssum.** Flowers white. 1 ft. Pkt., 10c; oz., 25c.

**Lilac Queen.** Improved deep lilac, very dwarf, 6 inches. Pkt., 10c.

**Tom Thumb.** Neat, compact, 6 inches. Pkt., 10c.

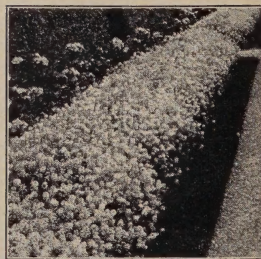
**Violet Queen.** See page 2.



### A GARDEN for the KIDDIES

Every child enjoys tinkering with a shovel—give him a patch of ground, a few packets of seeds, and Nature will do the rest. From the first appearance of the young plants, up through stages of development to the final floral grandeur, their young minds will develop an appreciation for the workings of Nature, no story book has yet told.

**HARDY PERENNIAL FLOWER SEEDS.** See pages 18, 19, 20—Please.



Border of Alyssum

**CADWELL & JONES, Inc.**





California Giant Sunshine

#### AMERICAN BEAUTY GIANTS.

A recently introduced variety blooming in late September and October. Monster blooms on long stems. Pkt.

Azure Fairy	.....\$0.10
Purple	......10
Peach Blossom	......10
White	......10
Rose	......10
Shell-Pink (September Beauty)	......10
Finest Mixed	......10

#### GIANTS OF CALIFORNIA.

A new late variety of the Crego type; extra long stems, curled and twisted petals, enormous flowers. Pkt.

Dark Purple	.....\$0.10
Light Blue	......10
Peach Blossom	......10
White	......10
Finest Mixed	......10

#### NEW BRANCHING.

The flowers are like beautiful chrysanthemums, large, very graceful, produced on long stems, well above the foliage; grand for cutting. Plants extra large and of strong growth; one plant will cover a space 2½ feet square.

	Pkt.		Pkt.
White	.....\$0.10	Lavender	.....\$0.10
Pink	......10	Rose	......10
Crimson	......10	Mixed	......10
Purple	......10		

#### QUEEN OF THE MARKET.

A handsome, profuse early blooming class of graceful, spreading habit, producing finely formed, double flowers two or three weeks before most others begin to bloom; extensively grown for cutting. 1½ ft.

	Pkt.		Pkt.
Rose	.....\$0.10	Crimson	.....\$0.10
Lavender	......10	White	......10
Purple	......10	Various Colors	
Pink	......10	Mixed	......10

#### HEART OF FRANCE.

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby. The flowers are large and full, with never a trace of a hollow center. The stems are long. Pkt., 10c.

#### LOS ANGELES.

Lovely soft shell-pink blending to creamy pink; we can heartily recommend it. Pkt., 15c.

## The Bright and Gay Asters

### ALL WILT-RESISTANT STRAINS

Because of their easy culture and vigorous growth, Asters are deservedly popular. For blooming in September and October, when they flower at their best, sow the seed in the open ground early in May. If earlier blooms are wanted, they may be sown in cold frames or in boxes or pots in the house. Cover the seeds about one-half inch with rich, light soil. When the plants have three or four leaves, transplant 18 inches apart in beds in which well-decayed (not fresh) manure has been thoroughly incorporated.

**EARLY ROYAL.** An early flowering type of our already popular new branching variety, coming into bloom in July or early August. Their free flowering habit makes them desirable for bedding or borders, while their long-stemmed flowers are ideal for cutting. Pkt.

White	.....\$0.10	Lavender	.....\$0.10
Shell-Pink	......10	Purple	......10
Deep Rose-pink	......10	Mixed	......10

**CREGO'S GIANT.** A magnificent Aster of the Comet type, but superior to it in every way. It has a branching habit, with very long stems and large flowers. The petals are long and beautifully curled and twisted and includes some of the finest shades. 2 ft.

Rose-Pink	Shell-Pink
Lavender	Purple
White	Mixed

Price of Above: Each, pkt., 10c.

#### CALIFORNIA GIANT SUNSHINE.

This fascinating new type of Aster has blooms 4 inches or more across, and are composed of a single row of loosely placed outer petals which contrast charmingly with the unique yellow central disc. Its stems are long and strong, the plants from 2 to 3 feet high, and the range of color is superb. Finest Mixed .....Pkt., 15c.

**CHINA ASTER.** This is a mixture of many fine sorts and all colors. Fine Mixed .....Pkt., 10c.

#### SINGLE SOUTHCOTE BEAUTY.

Charming free flowering type in many shades. 2 ft. Mixed .....Pkt., 10c.



China Asters



Aster, Giants of California



*Calendula, Chrysanthemum*

### Balsam - Lady Slipper; Touch-Me-Not

This favorite annual has improved flowers perfectly double and of immense size, rivaling in beauty those of the *Camellia*. Fine annual for shade. *Camellia-Flowered*. Choicest mixed varieties. Pkt., 10c.  
Double Fine Mixed. Pkt., 10c.

### Bartonia

*Aurea* (Golden Star). Is a native of California, and one of our showiest annuals. It produces large, single, golden yellow flowers which have quite a metallic luster when the sun shines on them. 1 ft. Pkt., 10c.

### Brachycome - Swan River Daisy

Free-flowering annuals. Daisy-like, pretty blue and white flowers, doing best in warm, dry situations, and makes a thrifty edging and border plant. 1 ft. Mixed shades: White, Blue and Rose. Pkt., 10c.

### Browallia - Amethyst

*Eлата*, Mixed. Bright blue and white flowers mixed. Blooms well in the shade. 1 to 1½ ft. Pkt., 10c.

### Begonias

#### EVERBLOOMING BEDDING VARIETIES

Fibrous-rooted Begonias take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade.

*Semperlorens*, Single Mixed. This mixture contains all colors from pure white to deepest crimson. Pkt., 15c.

### Cacalia

*Coccinea* (Tassel Flower). Free blooming annual; golden yellow and scarlet mixed flowers, blooming from June to September. 1½ ft. Pkt., 10c.

### The Gay Calendula - Pot Marigold

*Ball's Lemon Queen*. A reselected strain of shapely clear lemon flowers. Pkt., 10c.

*Chrysanthemum*. The very numerous flowers are bright canary-yellow, presenting somewhat the appearance of a Japanese *Chrysanthemum*. Pkt., 15c.

*Large-Flowered*. This strain of *Calendulas* produces flowers of very large size; in two shades: deep lemon and orange-red. Mixed. Pkt., 10c.

*Orange Fantasy*. All-America Trials Winner. Large, deep orange flowers, with rich brown centers. 18 to 24 inches. Pkt., 15c.

*Balls Orange King*. Valuable hardy annuals, the double, showy, large, dark orange flowers, borne from June to November, are useful for cutting. Pkt., 10c.

*Sensation* (Camphire). Large, flat, brilliant orange with crimson sheen and slightly lighter colored center. Pkt., 10c.

**HARDY PERENNIAL FLOWER SEEDS.** See pages 18, 19, 20—Please.

### Calliopsis

Showy, hardy plants, with rich, bright colored flowers blooming through the entire season. Hardy annuals. 2 ft. *Cadwell & Jones' Special Mixed*. Pkt., 10c.  
*Hybrida Semi-Plena Mixed*. Pkt., 10c.

### Campanula

#### (Annual Canterbury Bells)

Blooms six months from seed planting. 2 to 2½ ft. tall, 6 to 8 flower spikes per plant. Mixture containing dark and light blues, pink, rose and white. Pkt., 10c.

### Canary Bird Flower

There is no more desirable climbing plant in cultivation than this. It is of rapid growth, and produces an abundance of yellow fringed flowers. Half hardy annuals. 10 ft. Pkt., 10c.

### Candytuft - Iberis

One of the most popular hardy annuals, almost equal to Sweet Alyssum. Like it, is of the easiest culture. 1 foot. *Giant Hyacinth-Flowered* White. Very useful for cutting. Pkt., 10c.

*Rose Cardinal*. Brilliant rosy red. Pkt., 10c.

*All Colors Mixed*. A bright and cheerful mixture. Pkt., 10c.

### Cardinal Climber

The brilliant scarlet flowers contrast strikingly with the rich green, fringed leaves. Excellent for trellises and pergolas. It grows to a height of about 20 feet on good soil. The hard-shelled seeds should be soaked for a few hours in warm water prior to sowing. Pkt., 10c.

### Giant Marguerite Carnations

Flowers of extra large size, many beautifully fringed, all delightfully fragrant. Blooms within five months from seed. Fine for beds, borders or pots; a favorite for cutting. For earliest blooms, start seed indoors. *Finest Mixed*. Pkt., 15c.

### Clarkia, Double

Long sprays of showy flowers for cutting. 2 to 2½ ft.

*Sweetheart*. Deep pink. Pkt., 10c.

*Finest Mixed*. Pkt., 10c.



*Calliopsis—Sprays of Dainty Bloom in Gold and Maroon Shades*



## Cleome Pungens - Spider Plant

A pretty plant with curious heads of flowers. Hardy annual, 3 to 4 ft.

**Pink Queen.** See page 2.

## Annual Centaurea

### BACHELOR BUTTONS or CORNFLOWER

**Cyanus minor.** Also often called Cornflower and Ragged Sailor. One of the finest annuals grown for cut flowers. Blooms all summer. Hardy annuals. Mixed. Pkt., 10c.

**Dark Blue.** Finest double. Pkt., 10c.

**Jubilee.** (New.) Dwarf double dark blue, 12 in. tall. Pkt., 15c.

**Red Boy.** (New.) Deep red. A striking shade. Pkt., 10c.

**Imperialis** (Royal Sweet Sultan). Beautiful, sweet-scented flowers borne on long stems, lasting for several days after cutting. Pkt., 10c.

### DUSTY MILLER

Valuable for ribbon bedding, the silvery whiteness of the leaves being very effective.

**Gymnocarpa.** A graceful, silver-foliaged variety. Pkt., 10c.

## Chinese Woolflower

Crimson, Dark Pink, Yellow ..... Each, pkt., 10c.

## Annual Chrysanthemum

The colors have the appearance of being laid on with the brush, and for this reason they are frequently called "Painted Daisies." Hardy annuals.

**Mixed Annual Varieties.** Single. Pkt., 10c.

**Mixed Annual Varieties.** Double. Pkt., 10c.

**Golden Crown.** (New.) The quilled golden florets are arranged in compact heads on stems 3 to 4 feet high. A well grown plant will produce over fifty flowers. It is an excellent cut flower. Pkt., 25c.

**Perennial Chrysanthemums.** Plants. See page 22.

We can furnish Korean Hardy Chrysanthemums in all varieties and colors.

## Cineraria

One of the most beautiful plants that can be grown for decorative purposes. Seeds should be sown in June and July and plants will be large enough for all purposes in the greenhouse or conservatory during the spring months.

**Dwarf Large-Flowering Mixed.** Dwarf, compact habit with immense trusses of large flowers in rich colors. Pkt., 25c.



*Celosia Magnifica*  
Giant Plumbed Cockscomb



*Golden Crown Chrysanthemums for Cut Flowers*

## Cobaea - Cathedral Bells

A fine summer climbing plant, quick growing and bearing large, bell shaped flowers. In sowing, place the seed edgewise. Half-hardy.

**Scandens.** Purple. 20 feet. Pkt., 10c.

## Coleus

**Hybrids Mixed.** Ornamental foliage plants used extensively for bedding. Pkt., 15c.

**COREOPSIS.** See Calliopsis.

## Cuphea

**Firefly.** A new dwarf plant suitable for edgings and window boxes. The schizanthus-like flowers are cerise-red. Blooms all summer. 10 inches. Pkt., 25c.

## Celosia - Cockscomb

**Cristata.** Annual plants of tropical origin.

**Crimson.** Pkt., 10c.

**Dwarf.** Mixed. 1 ft. Pkt., 10c.

**Plumosa magnifica** (Giant Plumbed Cockscomb). Colorful plants with long, silky plumes. Useful for cutting. Blooms from midsummer until frost. 2½ to 3 ft.

**All Colors Mixed.** Remarkably fine mixture. Pkt., 10c.

**Fire Feather.** A dwarf fine flowering type with scarlet flower spikes and dark red foliage. Pkt., 25c.

## Convolvulus - Morning Glory

**Japanese Giant.** Most beautiful strain, with immense flowers of finest colors and markings. Pkt., 10c.

**Heavenly Blue.** Original early flowering strain. Immense beautiful flowers of bright sky-blue. Seed should not be sown outside till ground is warm. Pkt., 15c.

**Pearly Gates.** White. See page 2.

**Scarlett O'Hara.** Rosy crimson flowers, 4 inches across—free blooming, flowers in about nine weeks from seed. Pkt., 15c.

## Cosmos

**In Flower From Summer Until Frost.**

These graceful, autumn-flowering annuals, with their feathery foliage and their large, showy single flowers, are a delight in the garden and exquisite as cut flowers.

**Glendyke Orange Flare.** Early flowering, color vivid orange, stems are long and well adapted for cutting. Pkt., 10c.

**Sensation.** This reselected strain has enormous flowers four to six inches across. It blooms from August until frost.

**Pink.** Deep rich shade. Pkt., 15c.

**White.** Pure and glistening. Pkt., 15c.

**Mixed.** Pink and White. Pkt., 15c.

**Early Large-Flowering Hybrids.** A selection of the early flowering sorts with larger flowers. July to frost. 4 to 5 ft.

**Mixed.** Pkt., 10c. **Pink.** Pkt., 10c. **White.** Pkt., 10c. **Crimson.** Pkt., 10c.

**Giant Late-Flowering.** Flowers August to frost. 5 to 6 ft. **Mixed.** Pkt., 10c.

**Early-Flowering Double.** Finest Mixed. Pkt., 15c.



## Miniature Dahlias are Exquisite for Decoration and Cutting



*Chinese Pinks*

### Cynoglossum - Chinese Forget-Me-Not

**Firmament.** Forget-Me-Not-like flowers throughout the summer months. Pkt., 15c.

### Daisy - Bellis Perennis

Charming little plants for edging and borders.

**Giant Double White.** Pkt., 10c.

**Giant Double Red.** Pkt., 10c.

**Giant Double Pink.** Pkt., 10c.

**Giant Double Mixed.** Pkt., 10c.

### Didiscus - Blue Lace Flower

**Coerulea** (Blue Lace Flower). Hardy annual producing lacy, beautiful, sky-blue flowers from July to frost. Desirable as a cut flower. Plants about 18 inches high. Pkt., 10c.

### Dracaena

**Indivisa.** Narrow green leaves valuable for vases and house decoration. Pkt., 10c.

### Eschscholtzia - California Poppy

Very profuse blooming plants of extremely rich and beautiful colors. 1 foot. Hardy annuals.

**Grand Mixture.** Single and semi-double. All colors. Pkt., 10c.

**FORGET-ME-NOT.** See *Myosotis*, page 20.

### Euphorbia

Strong growing annuals suitable for beds or mixed borders, with showy bracts that simulate flowers. 2 to 3 feet.

**Heterophylla** (Annual Poinsettia). Brilliant carmine bracts. Pkt., 10c.

**Variegata** (Snow-on-the-Mountain). Attractive foliage veined and margined with white. Pkt., 10c.

### Gaillardia - Blanket Flower

Beautiful, showy plants, natives of this country, presenting quite a diversity of color. Hardy annuals.

**Double Lorenziana.** Pkt., 10c.

**Indian Chief.** A superb variety. Dark red flowers remaining in flower from June to October. Pkt., 10c.

**Grandiflora.** Perennial. See page 19.

**GRASSES, Ornamental.** Mixed. Pkt., 10c.

### Gerbera - Transvaal Daisy

**Jamesoni Hybrids.** New Hybrids with a wonderful range of color from pure white through orange, salmon, rose, cerise to ruby-red and violet. Pkt., 20c.

### Dianthus - Pinks

The China Pinks are deservedly very popular. They comprise many distinct and most beautiful marked varieties of rich and varied colors. They blossom continuously all summer and fall. 10 to 15 inches high.

**China, or Indian Pink.** Fine double mixed. Pkt., 10c.

**Japanese Pink.** Finest single mixed in great variety. Pkt., 10c.

**Lacinatus splendens.** Large single fringed crimson flowers with white eyes. Pkt., 10c.

**Sweet Wivelsfield, Double, Mixed.** (New.) Resembles Sweet William. Excellent for cutting. Pkt., 10c.

### Dahlias from Seed

**Single.** Many of the varieties of these single Dahlias are exceedingly beautiful. Pkt., 10c. See page 4 for *Dahlia Roots*.

**Unwin's Dwarf Hybrids Mixed.** Miniature double and semi-double flowers in many colors. Easily raised from seed in one season. Fine for cutting and garden decoration. 18 to 24 in. Pkt., 10c.

### Datura

**Wright's Angel's Trumpet.** Blue-green foliage, purple stems, large Lily-like white flowers. Tinged pale lilac. 3 ft. Pkt., 15c.

### Dimorphotheca - South African Daisy

**Aurantiaca Hybrids.** Rare and beautiful salmon, orange and gold shades mixed. Pkt., 10c.

**Glistening White.** Pkt., 15c.

### Gilia Capitata - Queen Anne's Thimble

Neat heads of sky-blue flowers on long stems. Good for cutting. 3 feet. Pkt., 10c.

**Tricolor.** (Bird's Eyes.) Pretty little edging flowers in various shades of lilac and pink with distinct eyes. 1 ft. Finest mixed. Pkt., 10c.

### Globe Amaranth

Remarkably handsome. Everlasting. The flowers may be cut in summer and preserved for winter bouquets. Hardy annuals.

**Purple.** 2 ft. Pkt., 10c.

**Mixed.** All colors. Pkt., 10c.

### Gloxinia

**Hybrida grandiflora.** Greenhouse plants producing magnificent flowers of the richest colors. Thrives best in mixture of peat, loam and sand. Pkt., 35c.

### Godetia - Satin Flower

Shade-loving flowers, with poppy-like petals in cherry-red, pink and white shades. 18 to 24 inches.

**New Tall Varieties Mixed.** Pkt., 10c.



*Cosmos, Sensation*

CADWELL & JONES, Inc.

## Plant Some of the Fascinating Giant Tulip Poppies for Cutting

### Gourds - Ornamental

All of this climbing genus are of rapid growth, and produce fruit of peculiar and varied forms.

**Bottle-Shaped**  
**Dipper**  
**Pear-Shaped**  
**Calabash Pipe**  
**Egg-Shaped**  
**Spoon-Shaped**

**Dish-Cloth**  
**Hercules Club**  
**Sugar Trough**  
**Orange**  
**Mixed**

All above varieties and mixed. Pkt., 10c.

### Grevillea

**Robusta** (Silk Oak). Very graceful and decorative evergreen for pot plants, easily raised from seed. Pkt., 10c.

### Gypsophila - Baby's Breath

Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets.

**Grandiflora alba**. Flowers pure white. Pkt., 10c.

### Helichrysum - Everlasting or Strawflower

Flowers mostly used for winter bouquets, for which purpose they are cut before blooms are expanded and dried in the shade. Hardy annuals.

**Monstrosum**. Double. The brightest colors mixed. Pkt., 10c.

**Fireball**. Intense red. Pkt., 10c.

### Helianthus - Sunflower

**Cucumerfolius Stella** (Single Miniature Sunflower).

Small, single, rich yellow flowers. Plants about 4 feet tall. Pkt., 10c.

**Excelsior Hybrid** Mixed. Art-shades of red, purple, brown, lemon. Pkt., 10c.



Ornamental Gourds  
Fine for Table Decoration

### Heliotrope - Sweet Lavender

A universal favorite on account of its delightful fragrance; a half hardy perennial flowering during the entire season. Seeds started indoors in early spring will make fine plants for summer blooming. Can also be sown outdoors in May.

**Giant Hybrids**. Mammoth sweet-scented flowers in great variety. Pkt., 10c.

**HOLLYHOCK**, Annual Indian Spring. See page 2.

### Humulus Japonicus - Japan Hop

Very ornamental and rapid growing climber with handsome, finely cut foliage, which does not suffer from heat or the attack of insects. 15 to 20 ft. Hardy annual.

**Green Foliage**. Pkt., 10c.

**Variiegated Foliage**. Pkt., 10c.



Hunnemannia—Giant Tulip Poppy  
For Cutting and Decoration

### Hunnemannia - Giant Tulip Poppy

Seed may be sown in May and will flower first season. Foliage is finely cut, similar to California Poppy.

**Sunlite**. Pure yellow semi-double. Pkt., 15c.

**IBERIS**. See Candytuft.

### Ice Plant

Trailing plant, the leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice. ½ ft. Pkt., 10c.

### Impatiens

**Holsti Hybrids** (Sultan Balsam). Charming plants for table decorations. Do well in a semi-shady location during the summer. 18 in. Pkt., 15c.

### Ionopsidium Acaule - Violet Cress

This tiny plant with pale lilac flowers blooms in the rock garden from June to October. 4 in. Pkt., 10c.

### Ipomoea

**Noctiflora Hybrid** (Moonflower Vine). Large, fragrant white flowers. Pkt., 10c.

### Kochia - Summer Cypress

**Trichophylla** (Mexican Firebush). Pretty little bushes of pyramidal shape, foliage delicate green, turning bright red in autumn. Excellent for temporary summer hedge. Pkt., 10c.

### Lantana

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom. Verbena-like heads of orange, white, rose, and other colored flowers; 2 to 3 ft. Mixed colors. Pkt., 10c.

### Larkspur - Annual Delphinium

The graceful spikes of these hardy annual flowers are excellent for cutting, and garden decoration.

**Giant Imperial**. Choice mixed. 4 ft. Pkt., 10c.

**Carmine King**. Deep carmine-rose. Pkt., 10c.

**Exquisite Pink**. Soft pink. Pkt., 10c.

**White Spire**. Dazzling pure white. Pkt., 10c.

**Blue Spire**. Dark blue. Pkt., 10c.

**Blue Bell**. Sky-blue. Pkt., 10c.

**Dwarf Rocket Double Branching**. Choice mixed. Pkt., 10c.

**GARDEN GUIDE**. (Amateur Gardener's Handbook.) Price, \$2.15, postpaid.

## Try the New Colorful Marigolds



*Larkspur, Giant Imperial Mixed*  
Handsome Flower Spikes for Cutting

### Linaria, Fairy Bouquet

Free flowering plants, compact, about eight inches high, covered with Snapdragon-like flowers of all the popular pastel shades. **Pkt., 10c.**

### Linum - Flowering Flax

*Grandiflorum rubrum.* Brilliant scarlet. **Pkt., 10c.**

### Blue Lobelia

Low-growing plants, admirably adapted for the front lines of ribbon borders, and for vases and hanging baskets. Half-hardy annuals.

*Erinus. Crystal Palace compacta.* A compact, deep blue variety. 2 ft. **Pkt., 10c.**

### Lupine

*Hartwegi Giants, Improved.* Easily and quickly grown annuals. 3 to 4 ft., branching with 4 to 6 flower spikes. Mixed. **Pkt., 10c.**

### The Striking New Marigold

The African varieties are stronger in habit, and produce larger flowers than the French sorts. The striped varieties vary considerably in their markings; they are sometimes blotched or striped and sometimes beautifully gold-laced. The African is the tallest and most striking in large beds, while the French varieties are admirably adapted for small beds or as a foreground to taller plants. Half-hardy annuals.

*African Quilled.* Orange, lemon and gold mixed. 3 ft. **Pkt., 10c.**

*American Beauty.* (Incurved.) This startling new form of Marigold is very lovely. The color range is orange, golden orange and yellow. **Mixed. Pkt., 10c.**

### THE STRIKING NEW MARIGOLD—Continued

*Collarette, Crown of Gold.* Chrysanthemum-like top of crown surrounded by a collar, delicate fragrance. 2 ft. **Pkt., 10c.**

*Gigantea, Sunset Shades.* Very large flowers of varied forms in a wide range of shades of orange and yellow. **Pkt., 15c.**

*Guinea Gold.* Graceful semi-double flowers, broad wavy petals, brilliant shade of orange flushed with gold. **Pkt., 10c.**

*Yellow Supreme.* Dazzling lemon-yellow, honey fragrance, long standing cut flower. Profuse early blooming. **Pkt., 10c.**

*Dwarf African Queen.* Pyramid plants only 18 inches high, large double flowers mixed. **Pkt., 15c.**

*Harmony, French Double.* Beautiful dwarf Marigold. 1 ft. tall and 2 ft. across. **Pkt., 10c.**

*French Dwarf, Monarch Strain.* Orange, brown and yellow. Mixed. 1 ft. **Pkt., 10c.**

*Legion of Honor (Little Brownie).* Single golden yellow with a large spot of crimson velvet. 1 ft. **Pkt., 10c.**

*Royal Scot.* Rich mahogany and gold in uniform stripes. Compact growth. Free flowering. **Pkt., 10c.**

*Tagetes signata Pumila.* First class border plant. 9 inches tall, flowers bright golden yellow. **Pkt., 10c.**

**NEW MARIGOLDS.** Dwarf Pot of Gold, Dwarf Harmony Hybrids, Butterball, Mission Giants. See page 2.

For Pot Marigold, see *Calendula*.

### Mignonette

The Mignonette (*Reseda odorata*) is universally a favorite on account of its delicate fragrance. Thin the plants to 6 inches apart, and pinch off the tops when 2 inches high; this will make the plants stronger with larger flower spikes.

**Large-Flowering.** The old favorite, sweet-scented variety. **Pkt., 10c.**

*Machet.* A French variety, with broad spikes of fragrant, red flowers. **Pkt., 10c.**



*Marigold, Royal Scot*



## Marvel of Peru - Four O'clock

The flowers—red, white, yellow and variegated—grow in clusters to the summit of the stem. They are exceedingly fragrant, expanding in the evening and withering in the morning. The roots may be preserved through the winter, like Dahlias.

**Finest Mixed.** 2 ft. **Pkt., 10c.**

**MORNING GLORY.** See *Convolvulus*, page 9.

## Nemesia

**Strumosa Suttoni.** Large heads of beautiful red, white, pink, and yellow flowers. 1 foot. Fine mixed. **Pkt., 10c.**

**Blue Gem Improved.** A charming dwarf variety with pure blue flowers. **Pkt., 15c.**

## Nicotiana - Tobacco Plant

Flowers borne in clusters, long, tube-shaped, opening toward evening and emitting a powerful and pleasant odor.

**Affinis.** White. 3 ft. **Pkt., 10c.**

**Crimson Bedder.** The blooms are a rich lustrous wine-red and are borne in great profusion. 15 in. **Pkt., 10c.**

## Nigella - Love-in-a-Mist

An interesting hardy annual with curious double flowers nestling in its feathery, bright green foliage. 1 foot.

**Miss Jekyll.** Blue. **Pkt., 10c.**

## Nierembergia Hippomanica - Dwarf Blue Cup Flower

Lavender-blue cups with yellow stamens. Compact plants. Good for edgings, rock gardens and window boxes. Sow early. Blooms until frost. **Pkt., 25c.**

**HARDY PERENNIAL FLOWER SEEDS.** See pages 18, 19, 20—Please.



*Double Gleam Hybrid Nasturtiums  
Sweet Scented, Long Stems*

## Nasturtium

Nasturtiums are valuable summer flowering plants for the reason that they require but little care and stand heat and drought well. Seed sown in the spring in any fair garden soil not too rich, will produce a profusion of blooms. The colors include all the shades of yellow and scarlet, often spotted and striped.

## Glorious Gleam Hybrids

**All-America Gold Medal Winners.**

**Double Gleam Hybrids Finest Mixed Sweet-Scented.** Evenly balanced blend of brilliant shades on long stems. **Pkt., 10c; oz., 25c.**

**Double Golden Gleam Sweet-Scented.** Large double golden yellow flowers on long stems. **Pkt., 10c; oz., 25c.**

**Double Scarlet Gleam Sweet-Scented.** Dazzling in color, delightfully sweet-scented extra large lovely flowers. **Pkt., 10c; oz., 25c.**

**Double Orange Gleam.** Deep glowing orange. Sweet-scented and fine for cutting. **Pkt., 10c; oz., 40c.**

**Dwarf Double Gem Mixture.** Dwarf and compact, totally without runners. Add charm to your garden with Dwarf Gem Nasturtiums. **Pkt., 10c; oz., 40c.**

## TOM THUMB NASTURTIUMS

The Dwarf or Tom Thumb Nasturtiums are unrivaled in beauty and effect. Thrive in poor soil; useful for bedding. 12 inches high.

**Cadwell & Jones Splendid Mixed.** Our own mixture. **Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.25.**

## TALL NASTURTIUMS

**Cadwell & Jones Splendid Mixed.** Our own mixture. **Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.25.**

Use Naphthalene Flakes for Protection against Aphis when planting Nasturtiums.



*Marigold, Sunshine Giants  
Sow More Marigolds for Fall Bouquets*

## *New Giant Pansies*

Pansy seed sown from the middle of July to the middle of August and protected through the winter in cold frames or with a light covering of litter will greet you in the earliest spring with a profusion of blossoms. When sown in the spring get the seed in as early as possible, either in a hotbed or in the open.

**Cadwell & Jones' Splendid Mixed.** A superior mixture, selected from choice, large flowering strains of American growers. **Pkt., 15c.**

**Empire Strain Pansy.** This unexcelled mixture represents the highest perfection of large flowering, new high-colored sorts. Their brilliancy and richness are most striking. **Pkt., 25c.**

**Engelmann's Giant Finest Mixed.** Vigorous compact growing, early flowering, large flowers containing a great variety of rich colors. **Pkt., 25c.**

**CORONATION GOLD.** Largest yellow variety. Canary-yellow flushed golden orange. **Pkt., 25c.**

**Elpenglow.** Color a rich velvety garnet; varies. **Pkt., 20c.**

**Berna.** Dark violet-blue. **Pkt., 20c.**

**Lake of Thun.** (Ullswater.) Distinct rich deep ultramarine-blue. Ideal for bedding. **Pkt., 20c.**

**Rheingold.** Golden yellow with splendid deep brown blotches. **Pkt., 20c.**

**Swiss White.** Snowy white. **Pkt., 20c.**

**Swiss Giants Mixed.** (Roggli Hybrids.) Very attractive blotched colors of unusually robust habit. **Pkt., 20c.**

**Shakespeare's Pansies.** Quaint little flowers, unimproved since the days of the Bard of Avon, in many tints. **Pkt., 25c.**

**TUFTED PANSIES (Violas).** See page 20.



*Shirley  
Poppy*

### **The Best Poppies**

**Shirley.** These are generally single or semi-double; color extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. **Pkt., 10c.**

### **Pentstemon**

**Grandiflora Mixed.** Seed sown in February or March will make a fine display the same season. 2 to 3 ft. **Pkt., 15c.**

**Blue Gem.** Hardy. See page 20.



*Giant Pansies  
For the Spring Garden*

### **Phlox Drummondii**

These flowers are of extreme beauty, and are greatly admired by all. Their long duration in bloom combined with their almost unequalled richness of color renders them of invaluable service in the general flower garden, and a finer sight than a bed of Phlox Drummondii is rarely to be seen.

**Grandiflora.** A much improved strain with very large flowers in great variety of colors.

**Finest Mixed.** **Pkt., 10c.**

**Alba.** Pure white. **Pkt., 10c.**

**Bright Rose.** **Pkt., 10c.**

**Brilliant.** Bright scarlet. **Pkt., 10c.**

**Black Warrior.** Dark crimson. **Pkt., 10c.**

**Gigantea.** **Art Shades Mixed.** Absence of harsh colors in this wonderful mixture should appeal to those who are looking for soft color effects. **Pkt., 15c.**

**Salmon Glory.** The gigantic individual blooms are borne in large clusters. Pure salmon-pink with cream-white eye. **Pkt., 25c.**

**Rosy Morn.** Refreshing, gay and bright colors of rose-pink and white eye. **Pkt., 25c.**

**PHLOX decussata.** Hardy perennial. See page 20.



*Phlox Drummondii*

**CADWELL & JONES, Inc.**



## Improved Flowering Petunias

For the brilliancy and variety of their colors, abundance of flowers and the long duration of their blooming period, they are indispensable in any garden.

### GIANT RUFFLED TYPE

**California Fringed Ruffled Giants.** Enormous flowers having edges of petal beautifully ruffled and fringed. Pkt., 25c.

**New Dwarf California Giants.** A fine strain of Giant Petunias, suitable for pot culture, large, open throats well marked and veined. Pkt., 25c.

**Martha Washington.** Blush-pink at the edges, dark violet in throat, heavy veining. 9 inches tall, excellent for bedding, border and window boxes. Pkt., 25c.

### SINGLE FRINGED TYPE

**Dainty Lady.** Light golden yellow, fringed. Pkt., 25c.

**Lace Veil.** Pure white, very fringed, dwarf. Pkt., 25c.

**Theodosis.** Rose, golden center. Fringed. Pkt., 25c.

**White Beauty.** Large white. Fringed. Pkt., 25c.

### DOUBLE FRINGED TYPE

**Victorious All-Double Giant Fringed Mixed.** Famous new strain. 100 per cent double. Pkt., 50c.

**Double Large-Flowering.** Fringed. Mixed. Pkt., 25c.

### SINGLE LARGE FLOWERED PLAIN EDGE

**Elk's Pride.** Large velvety violet. Pkt., 25c.

**Purple Prince.** Large rich purple. Pkt., 25c.

**Steel Blue.** Soft pure blue. Large veined. Pkt., 25c.

**Betsy Ross.** See page. 2.

### SINGLE HYBRID TYPE (Dwarf)

**Hollywood Star.** (Silver Medal 1939.) Five-pointed star-shaped, rose colored flowers with a golden throat. The medium sized blooms are borne in quantities. Pkt., 15c.

**Rose of Heaven.** Brilliant clear rose, valuable for bedding, also as potted plants for greenhouse and conservatories. Pkt., 10c.

**Rose Morn.** Bright pink shade for bedding. Pkt., 10c.

**Radiance.** See page 2.

**Silver Blue.** Heavenly blue. Lively shade. Pkt., 10c.

**Snowball.** A dwarf compact variety, producing satin-white flowers. Pkt., 10c.

*Petunia, Hollywood Star*

### SINGLE HYBRID TYPE (1½ ft.)

**Balcony.** A free-flowering type for window boxes, vases, hanging baskets. Mixed. Pkt., 10c.

**Striped and Blotched.** Extra fine mixed. Pkt., 10c.

**Topaz Rose.** Velvety rose with topaz center. Pkt., 25c.

**Viola.** Very deep violet. Pkt., 15c.

### MINIATURE TYPE

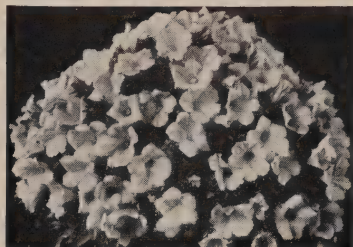
**Miniature Rose Gem.** Plants grow 6 inches tall, with masses of lovely rose blooms. Pkt., 20c.

## Portulaca - Sun Plant

Hardy annuals of the easiest culture, luxuriating in an exposed sunny situation, and producing flowers of almost every hue in the greatest profusion. ½ foot.

**Splendid Mixed.** Single, all colors. Pkt., 10c.

**Large-Flowering.** Double mixed. Pkt., 10c.



*Miniature Petunia, Rose Gem*

## Rhodanthe - Swan River Everlasting

Mixed Colors. Pkt., 10c.

## Ricinus - Castor Oil Bean

**Gibsoni.** Handsome, deep red foliage. Pkt., 10c.

**Sanguineus.** Leaves green, stalks blood-red, showy red fruit.

8 feet. Pkt., 10c.

**Zanzibariensis.** The leaves of this variety attain a gigantic size, measuring 2 to 2½ feet across, and include light and dark green and coppery bronze colors. 12 to 14 ft. high. Pkt., 10c.

## Rudbeckia - Coneflower

Bright, daisy-like annuals which grow quickly from seed.

**Kelvedon Star.** The blooms of this plant have dark brown centers surrounded by a zone of shining mahogany on deep orange petals. Splendid flowers for cutting and for bedding. Pkt., 15c.

## Salpiglossis - Penciled and Veined

Beautiful funnel-shaped flowers, curiously veined and marbled. Half-hardy annuals.

**Large-Flowered.** Finest mixed. 3 ft. Pkt., 10c.

**Dwarf Khaki Yellow.** (New.) Compact branching plants. Flowers yellow, with brown penciling. 2 feet. Pkt., 25c.

## Salvia - Flowering Sage

One of the most beautiful of all flowers, brilliant spikes of scarlet flowers produce for months a dazzling effect. Half-hardy perennials.

**Farinacea.** (The Blue Salvia.) Blue hedder. Pkt., 10c.

**Splendens, Bonfire.** Vivid scarlet. Pkt., 10c.



*Salvia, Bonfire*



## *Torenia Fournieri*, the Blue Wing Flower, is an Ideal Edging Plant

### Sanvitalia

*Procumbens* fl. pl. (Creeping Zinnia.) 6 inches. Tiny double golden yellow flowers, borne in profusion. Useful in the rock garden, for edgings and for miniature bouquets. Pkt., 10c.

### New Colors in Scabiosa

**Mourning Bride, or Sweet Scabious.** The flowers are quite double and globular; varying in all shades of white, carmine, maroon, lilac. Cadwell and Jones splendid mixed. 1 ft. Pkt., 10c.

**Blue Cockade.** Pleasing conical heads, deep azure-blue. Pkt., 10c.

**Blue Moon.** (New.) Enormous deep blue flowers on long stems. Pkt., 15c.

**Rosette.** (New.) Large deep rose. Pkt., 15c.

**Solomon Beauty.** (New.) Very large flower heads. Rich salmon shade. Pkt., 15c.

**Chasta.** Pure white. Pkt., 10c.

### Schizanthus

#### Butterfly, or Fringe Flower

Of easy culture; its peculiarly shaped and oddly marked flowers fine for cutting.

**Hybridus grandiflorus.** Finest mixed. Pkt., 15c.

**Wisetonensis.** One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. Pkt., 15c.

### Sedum Coeruleum

(Annual Blue Stonecrop). 4 in. A dainty plant for the rock garden. Pkt., 15c.

### Snapdragon - Antirrhinum

An old border plant with dark and glossy leaves and large, curiously shaped flowers, with finely marked throats. They blossom the first season from seed sown in spring.

**MAXIMUM or SUPER GIANTS.** Rust-Resistant. A new strain of tall growth, producing gigantic flowers. 3 ft.

Finest Mixed. Pkt., 10c.

**Appleblossom.** Soft pink. Pkt., 10c.

**Canary Bird.** Canary-yellow. Pkt., 10c.

**Copper King.** Bronzy copper color. Pkt., 10c.

**Old Gold.** Rose on yellow ground. Pkt., 10c.

**Snowflake.** Dazzling white. Pkt., 10c.

**The Rose.** Rich rose-pink. Pkt., 10c.

**NANUM grandiflorum.** Half-dwarf (rust-proof). Finest mixed.

Pkt., 10c.

### Stocks - Gilliflower

#### GIANT PERFECTION or CUT-AND-COME-AGAIN

All the varieties are desirable as pot plants as well as in the open garden. They are greatly prized for cut flowers on account of their fragrance and diversity of colors.

**Brilliant Rose.** Pkt., 10c. **Blood-Red.** Pkt., 10c.

**Pure White.** Pkt., 10c. **Violet.** Pkt., 10c.

Finest Mixed. Pkt., 10c.

### Statice - Annual

**Bonduelli.** Popular flowers used extensively by florists.

Bright yellow. 24 in. Pkt., 10c.

**Sinuated rosea superba.** Bright rose. Pkt., 10c.

**Sinuated, True Blue.** Rich blue. Pkt., 10c.



*Snapdragons*

### "Surprise Packet" Flower Seeds

This mixture of flower seeds is a source of great curiosity and is specially suitable for children's gardens. There are so many different kinds of flowers in it that it produces a mass of bloom continuously from early summer until frost. Pkt., 10c; oz., 25c.

### Thunbergia

Ornamental, free blooming climbers, of rapid growth, with yellow, orange and tan colored flowers; good for green-houses or window boxes.

Finest Mixed. Pkt., 10c.

### Tithonia - Mexican Sunflower

**Speciosa, Early Flowering Strain.** Dazzling as a ball of fire. Scarlet-orange flowers on 12-inch stems. Plants grow 6 to 8 ft. tall. Pkt., 15c.

### Torenia

**Fournieri** (Blue Wing Flower). Charming flowers for edgings and rock gardens. The two-winged blue flowers with yellow throats are useful in miniature bouquets. 9 in. Pkt., 15c.

### Verbena - Vivid Coloring

Verbenas are more easily obtained from seed than from cuttings. Sown in spring they flower quite early in the season, and a single plant in rich soil will cover a space 4 feet in diameter.

**Blue Sentinel.** (New.) Dwarf, erect habit. 6 inches. Fragrant, royal-violet-blue flowers in large, round-headed clusters 2 inches across. Pkt., 15c.

**Fireball.** Erect, bright scarlet. Pkt., 15c.

**White.** Pkt., 15c.

**Gigantic, Apple Blossom.** White edged cameo-pink. Flower clusters 4 inches across. Pkt., 25c.

**Mammoth Extra Fine Mixed.** Pkt., 10c.

**Blue, White Eye.** Pkt., 10c.

**Luminosa, Flame-pink.** Pkt., 10c.

**Purple.** Pkt., 10c.

**Scarlet.** Pkt., 10c.

**White.** Pkt., 10c.

### Vinca - Madagascar Periwinkle

Dark green foliage, flowering the first year from seed when started early. Excellent for borders and bedding out. Pretty pink and white flowers. 1 ft.

**Bright Rose.** Pkt., 10c.

**Pure White.** Pkt., 10c.

### Venidium

**Fastuosum Hybrids.** Beautiful assortment of pastel shades. Pkt., 15c.



*Scabiosa—Ideal Cut Flower on Long Stems*

## SWEET PEAS — BEST SPENCER VARIETIES

In view of the ever-increasing number of new Sweet Peas, we take pleasure in offering the following select up-to-date list for general garden use.

**Use Nod-o-gen for prize Sweet Peas.**  
See page 46.

**Prices, all varieties:**

**Pkt., 10c; oz., 25c; ¼ lb., 75c.**

**Ambition.** Rich deep lavender.

**Avalanche.** Immense glistening white.

**Beauty.** Vigorous bluish-pink.

**Charming.** Brilliant shade, deep cerise.

**Damask Rose.** Bright rose-carmine.

**Flamingo.** Orange-scarlet sunproof.

**Geo. Sawyer.** Giant orange-pink.

**Gleneagles.** Beautiful tone of light blue.

**Magnet.** Richest, brightest and best cream-pink.

**Mayfair.** Largest shell-pink on white ground.

**Olympia.** Immense rich purple.

**Pinkie.** Large frilled rose-pink.

**Pirate Gold.** Distinct golden orange.

**Powerscourt.** Popular clear pure lavender.

**Red Boy.** The very best crimson.

**Sextet Queen.** Pure white flowers, perfect form.

**Smiles.** Exquisite clear glistening salmon.

**Sunkist.** Dainty cream-rose edge.

**What Joy.** Frilled deep cream.

**Welcome.** Brilliant dazzling scarlet.

**Youth.** Large white ground picotee-pink.

**SWEET PEA BRUSH.** 4 to 6 feet.



**Plant Sweet Peas as soon as the soil can be worked. It is well to thin the seedlings from 4 to 6 inches apart.**

### CADWELL & JONES' GIANT SPENCER VARIETIES, MIXED

The best of the Spencers in a selected mixture. Without an equal and cannot fail to give satisfaction.  
**Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75.**

### Sweet Peas, Early Flowering

**Prices All Varieties: Pkt., 10c; oz., 50c.**  
**Annie Laurie.** Rich pure rose-pink.  
**Ball's Rose Improved.** Deep rose-pink.  
**Blue Bonnet.** Fine clear blue.  
**Exposition Pink.** Gorgeous rich pink.  
**Jeanne Mamisch.** Rose-pink, long stems.  
**Hope.** Pure black-seeded white.

**Lady Gay.** Soft shrimp-pink.

**Lavenda.** Pure clear lavender, excellent.

**Majestic Rose.** Brilliant rose-pink.

**Mrs. Herbert Hoover.** Bright blue, long stems.

**Red Bird.** Bright crimson-red.

**Snowstorm Improved.** Desirable white.

**Valencia.** Bright sunproof orange.

**Early Flowering Spencers — Finest Mixed.** A choice well blended mixture.

**Pkt., 10c; oz., 40c; ¼ lb., \$1.00.**

**SPRING FLOWERING SWEET PEAS.**

See page 2.

### Wild Cucumber

Annual climber. 20 ft. **Pkt., 10c.**

## ZINNIAS, CADWELL & JONES RECOMMENDATION

### CALIFORNIA GIANTS

The flowers are very large and flat with long stems, giving a graceful effect.

**All Varieties: Pkt., 10c.**

**Cerise Queen.** Beautiful rose.

**Enchantress.** Light rose.

**Lemon Queen.** Golden yellow.

**Lavender Gem.** Deep lavender.

**Grow Cupid Zinnias in rock gardens and borders.**

**Miss Wilmott.** Soft pink.  
**Orange King.** Orange-scarlet.  
**Purity.** Finest white.  
**Rose Queen.** Bright rose.  
**Scarlet Gem.** Deep scarlet.  
**Violet Queen.** Deep purple.  
**California Giants Mixed.**

**The new Crested Zinnias are gorgeous.**



*Giant Dahlia-Flowered Zinnias  
One of the Most Brilliant Annuals for  
Garden Decoration and Cutting*

### GIANT DAHLIA-FLOWERED

Enormous Dahlia-like flowers. Finest mixed.

**All Varieties: Pkt., 10c.**

**Crimson Monarch.** By far the largest and best red.

**Dream.** Deep rosy lavender.

**Exquisite.** Tyrian rose color, with center deep rose.

**Golden Dawn.** Rich golden yellow.

**Oriole.** It is an immense orange and gold bicolor.

**Polar Bear.** The best large, pure white Zinnia yet seen.

**FANTASY, Finest Mixed.** Shades of red and orange and the popular pinks. The flowers are a mass of shaggy petals.

**Pkt., 15c.**

**Star Dust (New.)** (Silver Medal A. A. S. Trials, 1937.) Rich golden yellow, long, twisted petals. **Pkt., 15c.**

**Wild Fire.** (1939 Novelty.) Rich dazzling scarlet. **Pkt., 15c.**

**NEW HOWARD'S GIANT CRESTED.** See page 2.

**SCABIOUS-FLOWERED, Mixed.** Free flowering, includes all the popular color shades useful in artistic flower arrangements. **Pkt., 15c.**

**DOUBLE LILLIPUT or POMPON.** Compact, pretty habit, 15 inches tall, lavish profusion of flowers on long stems ideal for cutting.

**Golden Gem**

**Rose Bud**

**Scarlet Gem**

**Salmon Gem**

**White Gem**

**Mixed**

**All Varieties: Pkt., 10c.**

**CUPID.** Tiny, button-shaped flowers on neat dwarf plants. 12 in. Mixed. **Pkt., 10c.**

**TOM THUMB.** Choice double mixed on **Pkt., 10c.**

**LINEARIS.** Single, striped orange and yellow flowers, with slender foliage. Neat for foreground planting and miniature bouquets. 15 in. **Pkt., 15c.**

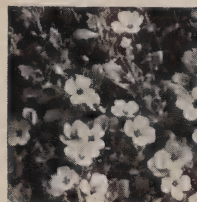


# Hardy Perennial Flower Seeds

## THEY GROW IN SIZE AND BEAUTY YEAR AFTER YEAR



*Arabis Alpina*



*Aubrietia*



*Coreopsis Grandiflora*



*Anthemis Tinctoria*



*Anchusa Italica*

Hardy perennials appeal mostly to people who have not the time to bother with plants that have to be reset every spring. Hardy plants will increase in beauty each year. Most all perennial seeds planted in the spring bloom the following year. Seeds planted in August will give excellent results and will bloom the next season.

**ACHILLEA filipendula.** Parker's variety. Golden yellow, flat-topped flower heads on stiff 4-ft. stems. Fern-like foliage. Flowers last in winter bouquets. Pkt., 10c.

**ACONITUM (Monkshood).** Long spikes of helmet-shaped flowers, excellent for shady locations.

**Napellus.** Dark blue. August. 3 ft. Pkt., 10c.

**AGROSTEMMA coronaria (Mullein pink).** Attractive flowering perennial, producing bright crimson flowers. Fine for cutting. 2 ft. Pkt., 10c.

**ALYSSUM saxatile compactum (Gold Dust).** Bright yellow, early spring flowering. 9 in. Pkt., 10c.

**ANCHUSA italica, Dropmore Variety (Alkanet).** One of our finest blue flowered plants. Blooms in June. Pkt., 10c.

**Myosotidiflora.** Pretty racemes of Forget-Me-Not-like blue flowers. Large oval leaves. Fine rock plant. 6 to 12 in. Pkt., 25c.

**ANTHEMIS.** A very pretty plant, producing Daisy-like golden yellow flowers all summer.

**Tinctoria kelwayi.** Pkt., 10c.

**AQUILEGIA (Columbine).** This flower is one of the earliest of the hardy perennials to bloom. The colors range from pale yellow to purple.

**Blue Shades.** Long-spurred. Pkt., 15c.

**Clematiflora, Choice Mixed.** This new Columbine has no spurs. Its wide spreading sepals form Clematis-like flowers that are unique. Pkt., 25c.

**Long-Spurred Hybrids.** Fine Mixed. Pkt., 15c.

**Crimson Star.** Long-spurred. Pkt., 15c.

**Longissima.** (New.) Two-toned yellow with 5-in. long spurs. Pkt., 50c.

**ARABIS alpina (Rock Cress).** Fine rocky and border plant, pure white, flowers from April to June. 6 in. Pkt., 10c.

**Rosea.** Dwarf glossy foliage. Pink flowers. 6 in. Pkt., 15c.

**ARMERIA (Thrift) lauchiana.** Dwarf Rose. 6 in. Ideal for edgings and rock gardens. Pkt., 15c.

**Large-Flowered Hybrids.** (New.) Ball-shaped heads of bright flowers on long stems. Pkt., 15c.

**ASCLEPIAS tuberosa (Butterfly Weed).** A hardy plant, producing umbels of orange flowers. Pkt., 10c.

**ASTER (Michaelmas Daisies).** Perennial sorts. 3 ft. Pkt., 15c.

**AUBRIETIA (Rainbow Rock Cress).** Beautiful dwarf rock plants. Bright flowers 6 in. tall. Pkt., 15c.

**BAPTISIA australis (False Indigo).** Handsome bright blue flowers on spikes 6 inches long. 3 ft. Pkt., 15c.

**BOLTONIA latissuama.** Showy, hardy, with large clusters of pink, daisy-like flowers. 5 ft. Pkt., 15c.

**CAMPANULA carpatica.** Erect blue flowers useful for borders or rockery. 9 in. Pkt., 10c.

**Carpatica alba.** Erect white flowers. Pkt., 10c.

**CAMPANULA medium (Canterbury Bells).** Biennial. Plants grow in pyramidal form. Large bell-shaped flowers.

**Single Flowering:** Blue, pkt., 10c; White, pkt., 10c; Pink, pkt., 10c; Fine Mixed, pkt., 10c.

**Double Flowering.** Finest Mixed. 3 ft. Pkt., 10c.

**CALYCANTHEMA (Cup-and-Saucer).** Mixed. Pkt., 10c.

**Persicifolia grandiflora caerulea (Peach Bells.)** Deep blue; extra long, erect stems. 2 ft. Pkt., 10c.

**Persicifolia grandiflora alba.** Pure white. 2 ft. Pkt., 10c.

**CANDYTUFT, sempervirens.** The evergreen Candytuft, with glossy, deep green foliage and white flowers. Pkt., 10c.

**CARNATION, Picotee.** Fine double mixed. A splendid strain of double Picotee; edges of petals bordered with various colors. Pkt., 10c.

**CENTAUREA montana.** (Perennial Cornflower.) Large violet-blue flowers. July to Sept. 2 ft. Pkt., 10c.

**CERASTIUM tomentosum (Snow-in-Summer).** Pretty dwarf white-leaved edging or rock plant, small, white flowers. 1 ft. Pkt., 10c.

**CHEIRANTHUS allioni (Siberian Wallflower).** Brilliant orange-yellow, dwarf. Pkt., 10c.

**Golden Bedder.** Golden yellow. Pkt., 10c.

**COREOPSIS, Mayfield Giant.** (New.) Golden yellow flowers of large size, for cutting. 2 ft. Pkt., 10c.

**Double Sunburst.** (New.) This newest strain has full double flowers, pure golden yellow. Pkt., 15c.

**DAISY, SHASTA, Alaska.** The best hardy pure white Daisy, large flowers, useful for cutting. Pkt., 10c.

**Double Shasta.** Pkt., 25c.



*Aquilegia, Long-Spurred Columbine*

CADWELL & JONES, Inc.

## Delphinium Hobbyists Should Grow Pacific Giants

### DELPHINIUM (Larkspur).

**Belladonna.** Beautiful, turquoise-blue, continuous bloomer, spikes of good size. Pkt., 20c.

**Blackmore & Langdon's English Prize.** Large flowers on spikes two feet and over long. Pkt., 20c.

**Bellamosa.** Rich deep blue form of the popular light blue belladonna type. Pkt., 25c.

**Pacific Giants.** A Northwestern strain with large full-double flowers in attractive hues. Pkt., 35c.

**Pacific Giant.** White. The finest pure white. Pkt., 50c.

### DWARF SPECIES.

**Chinensis.** Azure-blue, branching habit. Fine cut foliage. 2 ft. Pkt., 15c.

**Chinensis, Blue Butterfly.** Rich dark blue. 2 ft. Pkt., 15c.

**DICTAMNUS fraxinella alba** (Gas Plant). Showy, hardy perennial having fragrant foliage. Seed slow in germination. 2½ ft. Pkt., 15c.

**DIANTHUS plumarius** (Hardy Garden Pinks). Very free flowering with strong clove fragrance. 1 ft. Pkt., 10c.

**Deltoides** (Maiden Pink). Beautiful, hardy bright pink flowers in abundance from May until August. Fine for rockeries. 6 in. Pkt., 10c.

**DIGITALIS** (Foxglove). Handsome ornamental plants of a stately growth and varied colors.

**Giant Shirley.** Finest mixed. Pkt., 10c.

**DRACOCEPHALUM. Ruyschianum japonicum.** (Blue Dragon's Head.) New. Heavenly blue spikes of flowers. Compact growth. 12 in. Pkt., 15c.

**ECHINOPS ritro** (Globe Thistle). Striking plants. Excellent for back of hardy border; silvery thistle-like foliage, fine blue flowers; useful for cutting. 3 to 5 ft. Pkt., 10c.

**DELWEISS** (Gnaphalium leontopodium). Charming Swiss alpine plant, fine for rockwork or exposed places. 6 in. Pkt., 25c.



*Hybrid Delphiniums*

**GAILLARDIA. New Hybrids.** Many combinations of red and yellow flowers, on long stems. Pkt., 10c.

**GAILLARDIA "Goblin".** Dwarf form with large yellow and red zoned flowers, useful in large rock garden. 12 in. to 16 in. Pkt., 25c.

**GEUM. Mrs. Bradshaw.** Hardy, showy orange-scarlet flowers of easy cultivation. Fine for cutting. July to October. 2 ft. Pkt., 10c.

**Lady Stratheden.** Double yellow. Pkt., 15c.

**GYPSOPHILA paniculata** (Baby's Breath). The tiny white flowers are borne in myriads on slender stems. Pkt., 10c.

**Oldhamiana.** Pink flowers on erect panicles. 3 ft. Pkt., 25c.

**HELIANTHEMUM** (Rock Rose). Dwarf, hardy perennial, brilliant flowers, suited for dry soil and rockeries. 6 in. Finest mixed. Pkt., 10c.

**HELENIUM. Riverton Gem.** Flowers opening old gold, changing to wallflower-red. 5 ft. Pkt., 10c.

**HELIANTHUS, Perennial Hybrids.** Very ornamental sunflowers. Pkt., 15c.

**HELIOPSIS.** Lemoine's strain. Double golden yellow. Excellent cut flower. Pkt., 15c.

**HEUCHERA sanguinea** (Coralbells). Fine hardy rich, bright coral-red flowers, excellent for cutting. 18 in. Pkt., 25c.

**HIBISCUS, Mallow Marvels.** Tall, free flowering plants with large showy flowers in red, pink, white shades. 5 ft. Pkt., 15c.

**HOLLYHOCK.** Hollyhocks add charm to every garden, and may be grown successfully with little attention.

**Fine Mixed.** Double varieties from named flowers. Pkt., 10c.

**Double Pink, Rose, Scarlet, White, Yellow.** Each, pkt., 10c.

**Single Finest Mixed.** Pkt., 10c.

**Imperator.** Charming elegantly frilled and deeply fringed petals. Mixed. Pkt., 15c.

**LATHYRUS latifolius splendens** (Everlasting Pea). Beautiful climber for trellises or fences, flowers rosy carmine. July and August. 8 ft. Pkt., 10c.

**LIATRIS scariosa** (Late Blazing Star). Strong spikes of unusual purple flowers in September. Pkt., 15c.

**LINUM perenne.** Hardy bright blue flowers. 2 ft. Pkt., 10c.

**Flavum nanum compactum** (Golden Flax). Golden yellow flowers with blue-grey foliage. Fine dwarf rock plant. 6 in. Pkt., 25c.

**LOBELIA cardinalis** (Cardinal Flower). Fine, hardy border plant. Brilliant scarlet flowers. 3 ft. Pkt., 25c.

**LUNARIA biennis** (Honesty; Money Plant). Free flowering hardy biennial. Flat and broad seed pods which look like transparent silver; prized for winter decoration. 2 ft. Pkt., 10c.

**LUPINUS polyphyllus** (Lupine). Handsome flowers in spikes. June. 3 ft. Finest Mixed. Pkt., 10c.

**Blue, Pink, White.** Each, pkt., 10c.

**Russell Reselected Stock.** These famous hardy plants are continually being improved by the originator. Pkt., 25c.



*Hollyhocks*



*Dianthus Plumarius*



*Heuchera Sanguinea*



*Liatris*



## Grow *Thermopsis* Near *Delphinium* *Belladonna*



*Thalictrum Aquilegifolium*



*Myosotis Palustris*



*Rudbeckia*



*Veronica Longifolia*



*Viola Cornuta*

**LYCHNIS.** Hardy, ornamental. Flowers of great brilliancy.  
**Arkwrightii.** Rich effective colors. 2 to 3 ft. Pkt., 15c.  
**Chalcedonicum** (Maltese Cross). Intense scarlet. 2 ft. Pkt., 10c.  
**LYHRUM roseum superbum.** Spikes of bright rose-colored flowers during summer and fall. 3 ft. Pkt., 15c.  
**MYOSOTIS alpestris, Victoria.** (Forget-Me-Not). Tiny sky-blue flowers with yellow eye. 6 in. Pkt., 10c.  
**Roseus.** Pink. Pkt., 10c.  
**Palustris semperflorens** (Marsh Forget-Me-Not). Pkt., 15c.  
**OENOTHERA** (Evening Primrose). **lamarckiana.** Yellow. Pkt., 10c.  
**PENTSTEMON, Blue Gem.** Very bright blue, desirable for rock gardens. Pkt., 20c.  
**PHLOX decussata** (Hardy Phlox). Beautiful, hardy flowering plants, growing 3 ft. high. Pkt., 15c.  
**PHYSTOSTEGIA virginica.** Pkt., 10c.  
**POLEMONIUM coeruleum** (Jacob's Ladder). Hardy border plant, bell-shaped, bluish purple flowers. May to July. 2 ft. Pkt., 10c.  
**POLYANTHUS, Large-Flowering.** All colors mixed. Charming early spring-flowering plants, perfectly hardy. Pkt., 25c.  
**POPPIES, Iceland, Sunbeam Hybrids.** A giant strain of rich and pastel shades mixed. Pkt., 15c.  
**Oriental Hybrids.** Pink, white, and scarlet shades. Mixed. Pkt., 10c.  
**POTENTILLA, Single Hybrids Mixed.** Hardy plants. Brilliant orange, red and crimson flowers. 18 in. Pkt., 15c.  
**PRIMULA denticulata.** Attractive showy plants for rock gardens. White and lilac. Pkt., each, 25c.  
**PUERARIA thunbergiana** (Kudzu Vine). Fast growing, hardy plant. Pkt., 10c.  
**PYRETHRUM roseum** (Painted Daisy). Very showy flowers; valuable for cutting. Double Finest Mixed. 18 in. Pkt., 25c. Single Mixed. Pkt., 10c.  
**ROCKET, Sweet.** Mixed. The plants grow 2 ft. in height, surmounted by large panicles of brightly colored flowers. Pkt., 10c.  
**RUDBECKIA newmanni** (Coneflower). Excellent for late summer and autumn. 3 ft. Pkt., 15c.  
**SAPONARIA ocyroides.** Showy hardy rock plant producing masses of bright rose flowers during the summer months. 9 in. Pkt., 10c.  
**SCABIOSA caucasica** (Pincushion Flower). Giant Hybrids. Large, light blue flowers. Height, 2 ft. Pkt., 25c.  
**STATICE latifolia** (Sea-Lavender). Panicles of small lavender-blue flowers in July and August, which can be dried for winter bouquets. 15-18 in. Pkt., 10c.  
**STOKESIA cyanea** (Cornflower Aster). Beautiful, hardy perennials, with handsome, lavender-blue and white Cornflower-like blossoms. 2 ft. Finest Mixed. Pkt., 10c.  
**SWEET WILLIAM** (*Dianthus Barbatus*). Cadwell & Jones Special Mixture. Including all shades and Auricula-eyed. Pkt., 10c. Pink Beauty. A rich salmon-pink. Pkt., 10c. Newport Pink. Pkt., 10c.

**Scarlet Beauty.** Deep scarlet. Pkt., 10c.  
**Purple Beauty.** Pkt., 10c.  
**Dark Crimson.** Pkt., 10c.  
**Pure White.** 18 in. Pkt., 10c.  
**Dwarf Mixed.** 4 in. Pkt., 25c.  
**Double Mixed.** Pkt., 10c.  
**THALICTRUM aquilegifolium** (Meadow-rue). Hardy Columbine-like foliage and masses of feathery white flowers. 3 ft. Pkt., 10c.  
**Dipterocarpum.** Panicles of rosy lilac flowers; graceful fernlike foliage; grows in partial shade. 3-4 ft. Pkt., 25c.  
**THERMOPSIS caroliniana.** Showy lupine-like yellow spikes. June, July. 3 ft. Pkt., 25c.  
**TRITOMA hybrida** (Red Hot Poker or Torch Lily). Showy, hardy perpetual flowering spikes of orange-red flowers from July until August. 3 to 4 ft. Pkt., 15c.  
**TROLLIUS Ledebouri** (Orange Globe-flower). Excellent for cutting. 2 ft. Pkt., 25c.  
**TUNICA saxifraga.** Rock or edging plant with numerous tiny pink flowers. 6 in. Pkt., 10c.  
**VALERIANA, Mixed.** Showy hardy border plants, with long spikes of old-fashioned red and white flowers ideal for bouquets. 2 ft. Pkt., 10c.  
**VERONICA spicata** (Speedwell). Long spikes of blue flowers, excellent for growing in shady places. Pkt., 10c.  
**Longifolia.** Rich blue. 3 ft. Pkt., 15c.  
**VIOLA cornuta** (Tufted Pansies). Excellent plants for partial shade. Mixed. Finest varieties. Pkt., 10c. Jersey Gem. Pure violet. Pkt., 25c.  
**WAHLBERGIA** (*Platycodon*, Chinese Bellflower).  
**Grandiflora coerulea.** Blue. 3 ft. Pkt., 10c.  
**Grandiflora alba.** White. 3 ft. Pkt., 10c.  
**Mariesi.** Dwarf compact sort with rich blue flowers. 1 ft. Pkt., 15c.  
**WALLFLOWER.** Spikes of fragrant maroon-red and yellow flowers. Double Branching. Mixed colors. Pkt., 10c. Earliest Paris. New single strain of fine colors. Pkt., 10c. Single Branching. Finest colors. Pkt., 10c.



*Sweet William—Dianthus Barbatus*

# Summer Flowering Bulbs and Tuberous Roots

## Amaryllis

**Giant Hybrids Mixed.** One of the few bulbous plants that the amateur can grow easily in pots successfully. **65c each; \$7.00 per doz.**

## Begonias

**Tuberous-rooted.** For shady places in the garden or lawn, also for pots or piazza boxes these bulbs are very desirable, blooming from July until frost. Start in house in March or April and remove to the open ground soon as danger of frost is past. Colors ranging from whites, scarlets, pinks, yellows. Mammoth bulbs.

**Single, 30c each; \$3.00 per doz. Double, 30c each; \$3.00 per doz.**

## Caladium - A Foliage Plant

**Esculentum.** These well known Elephant's Ears are most effective both as single plants on the lawn, masses in beds, or for margins of water. **Each 25c; doz., \$2.50.**

## Large Flowering Cannas - Excellent Foliage

Dormant roots. A class of plants especially suited to produce luxuriant foliage effects. Rich and vari-colored leaves, large and beautiful flowers of brilliant colors. **Each 10c; doz. for \$1.00.**

## Calla Elliottiana

(Yellow Calla)

Foliage spotted, flowers golden yellow. Excellent when planted in open borders, making a beautiful contrast. Desirable for pot plants.

**Extra Large Bulbs. 45c each; \$5.00 per doz.**

## Gladioli See Page 4.

## Hyacinthus Candicans

(Summer Hyacinth)

Tall spikes of white pendent bells. 4 ft. **Each, 15c; doz., \$1.50.**

## Ismene

**Calathina** (Peruvian Daffodil). Large fragrant Amaryllis-like white blooms, apple-green markings in the throat. Plant in June. Keep the bulbs warm and dry when storing. **Monster bulbs, 50c each; \$5.00 per doz.**



*Regale Lilies*



*Tuberous-Rooted Begonias*

## Zephyranthes

**Fairy Lilies.** These charming dwarf flowers make a pretty display in the rock garden during the summer. In some locations they will survive the winter outdoors. **Rosea, pink, doz., \$1.50; Candida, white, doz., \$1.50; Ajax, yellow, doz., \$1.50.**

## Best Garden Lilies

Lilies can be planted with excellent results in the early spring months. They thrive and grow luxuriantly planted throughout herbaceous borders.

**L. myriophyllum** (Regale Lily). Flowers are white, slightly shaded with pink, with canary-yellow center. **Strong young bulbs, 35c each; \$4.00 per doz.**

**L. tenuifolium** (Coral Lily). Fine for rockeries or pot culture. 18 inches tall. Brilliant scarlet flowers. June and July. **25c each; \$2.50 per doz.**

**L. tigrinum Splendens** (Improved Tiger Lily). Bright orange-red spotted with black. Very showy. **Each 25c; \$2.50 per doz.**

**L. tigrinum flore-pleno** (Double Tiger Lily). Double showy flowers. **Each, 30c; doz., \$3.00.**

## Montbretias

**New Giants.** Gay and attractive flowers borne on slender wiry stems frequently 3 feet tall; a worthy companion to the gladiolus as a cut flower. **75c per doz.; \$6.00 per 100.**

## Tigridia Pavonia Hybrids

**Peacock Tiger Flower.** Gorgeous tropical flowers of the Iris family. The three self-colored outer segments spread from 4 to 6 inches across, and with the inner ones form a cup that is beautifully spotted red or maroon on a yellow or white ground. Colors mostly red, orange, pink, and rarely white. 18 in. **\$1.00 per doz.; \$8.00 per 100.**

## Tuberoses

**Excelsior Double Pearl.** Mammoth bulbs, doz., \$1.25; 100 for \$10.00.

**FOR BULB PLANTING TROWELS AND DIBBLES.** See Page 53. Treat all Bulbs with "Rootone." See page 47.



*Tuberose, Double Pearl*



# Hardy Rock Garden and Perennial Plants

Selections of hardy perennials can be made which may be expected to give seasonable blossoms throughout the spring and summer until late fall.

Strong, field-grown plants produced by a leading specialist nearby.

All varieties 3 for 75c, \$2.50 per doz., except where noted. Orders for less than three of a variety cannot be accepted.

Varieties not listed can be furnished at lowest prices. Heights and blooming periods given for comparison.



**ACHILLEA, filipendula.** Tall yellow. 4 ft. July.  
**A., The Pearl (Yarrow Milfoil).** 2 ft. June to Oct.  
**A. tomentosa.** Bright yellow. June. 8 in.  
**AJUGA (Variegated Bugle).** 6 to 8 in. May.  
**A. genevensis.** Green. 6 to 8 in. May.  
**ALYSSUM.** 1 ft. June to Aug.  
**A. (Goldentuft).** 1 ft. April-June.  
**ANCHUSA italica, Dropmore.** 5 ft. Blooms entire summer.  
**A. myosotidiflora.** Blue. 18 in. April to May.  
**ANTHEMIS (Yellow Camomile).** 2 to 3 ft. June to Oct.  
**AQUILEGIA caerulea.** Blue. 3 ft. May-July.  
**A., Mrs. Scott Elliott's Long-Spurred Hybrids.** 3 ft. May-July.  
**ARABIS (Rockcress).** 6 in. April to June.  
**ARENARIA (Mountain Sandwort).** Creeping. June.  
**ARMERIA maritima (Thrift).** 1 ft. For rockeries.  
**ARTEMISIA.** White. Aug. to Sept. 3 to 4 ft.  
**AUBRIETIA (Purple Rockcress).** 6 in. April to May.  
**ASTILBE.** Shading from light pink to deep rose. June to July. 2½ ft.  
**CAMPANULA medium (Canterbury Bells).** Single and double. Blue, rose and white. 2.3 ft. July.  
**C. medium calycanthema (Cup-and-Saucer).** Blue, rose and white. 2.3 ft. July.  
**C. carpatica (Carpathian Bellflower).** 8 in. June to Oct.  
**C. persicifolia (Peachleaf Bellflower).** 2 ft. June, July.  
**CARNATION, Picotee Rose and White.** Double. 2 ft. June, Sept.  
**CERASTIUM (Snow-in-Summer).** 6 in. June.  
**CHEIRANTHUS (Siberian Wallflower).** 1 ft. June.  
**CHRYSANTHEMUMS.** Good named varieties.  
**C., Korean Hybrids.**  
**CONVALLARIA majalis (Lily-of-the-Valley).** White. 9 in. May to June. Single, 15c; strong clumps, 50c.  
**COREOPSIS (Tickseed).** 2 ft. July to Sept.  
**DELPHINIUM (Hardy Larkspur).** 1½ to 4 ft. June, Sept. 2-yr. roots.  
**D., Pacific Giants, Mixed.** 3 for \$1.50; \$5.00 per doz.  
**DIANTHUS deltoides (Maiden Pink).** Creeping. 6 in.  
**D. plumarius (Grass Pink).** 1 ft.  
**DICENTRA spectabilis (Bleeding Heart).** 1 to 2 ft. May to July. Heart-shaped flowers. Each, 35c; doz. for \$3.50.  
**DORONICUM caucasicum.** Yellow. 2 ft. Spring.  
**EUPATORIUM coelestinum.** Blue. 18 in. Aug. to Sept.  
**FOXGLOVE, Mixed Varieties.** 2½ ft. June, July.

**GAILLARDIA (Blanketflower).** 2 ft. June to Nov.  
**GYPSOPHILA, Bristol Fairy.** 35c each; \$3.75 per doz.  
**G. paniculata.** 3 ft. July to Oct.  
**HELIANTHEMUM (Sunrose).** Trailing. June-July.  
**HEMEROCALLIS (Day Lily).** 2½ ft. June, July.  
**HEUCHERA (Coralbells).** 1½ ft. June, July.  
**HOLLYHOCK, Double.** All colors. 6 ft. July, Aug.  
**IBERIS (Hardy Candytuft).** White. 1 ft. May, June.  
**IRIS pumila. (Dwarf Iris.)** Blue, yellow, purple and white. 2-6 in. May.  
**LIATRIS pycnostachya.** Light purple. July-Aug. 4 to 5 ft.  
**LINUM (Perennial Flax).** 1½ ft. All summer.  
**LYCHNIS viscaria (Catchfly).** 1½ ft. July, Aug.  
**MONARDA (Beebalm).** Scarlet. 3 ft. June, Sept.

**PACHYSANDRA terminalis (Mountain Spurge).** The most ideal evergreen ground cover plant for dense shade. 6 to 8 in. Doz., \$2.50; 100 for \$18.00.

**PAPAVER (Oriental Poppy).** 3 ft. June to Oct.  
**PENTSTEMON (Beard Tongue) Pink Beauty.** (New.) 4 ft. July.  
**PHLOX (Moss Phlox).** Rose. 1 ft. April, May.  
**P., Hardy Tall Varieties.** 2½ to 3 ft. July-Aug.  
**PLATYCODON mariesi.** Blue. Dwarf. 6 in.  
**POLEMONIUM (Jacob's Ladder).** Blue. 1½ ft. June-July.  
**P. reptans.** Blue. 8 in. May-June.  
**PRIMULA (Primrose) veris.** 9 in. April, May.  
**PYRETHRUM (Painted Daisy).** 2½ ft. June.  
**RUDEBECKIA (Coneflower).** 3 ft. July to Oct.  
**SALVIA picea (Tall Sage).** Spikes of clear blue. 3 ft. Sept.  
**SEDUM acre, forsterianum, sieboldi, sexangulare, spectabile, tenuifolium.**  
**SEMPERVIVUM (Houseleek, Hen-and-Chickens).** July.  
**SHASTA DAISY, grandiflora.** 2 ft. June.  
**SWEET WILLIAM.** Pink, scarlet, white. 2 ft. June.  
**TROLLIUS europaeus (Globeflower).** Yellow. May-Aug. 1 to 2 ft.  
**T., Orange Globe.** Orange. 2 ft. May-Aug. 50c each.  
**VERONICA spicata (Speedwell).** 2 ft. June, Aug.  
**VINCA (Myrtle, Creeping).** Blue. Fine for shade.  
**VIOLA cornuta, Jersey Gem.** 9 in. April, Sept.  
**V. odorata (Violet) Rosina.** Pink. Fragrant. 6 in.

Giant Pansies, Bellis daisies, and bedding annuals in season

# Highest Quality Vegetable Seeds

## The Well-Being of the Whole Family Demands Fresh Vegetables

All our seeds are grown for us by the most competent growers, and the strains, without exception, are of the highest perfection.

On account of values which we cannot anticipate all prices in this catalog are subject to **CHANGE WITHOUT NOTICE.**

**NOTICE FREE DELIVERY.** Peas, Beans, Corn and Onion Sets up to and including 10 pounds will be delivered postpaid in the first and second zones only, when cash accompanies order.

All flower and other vegetable seeds in packets, ounces, ¼ pounds and pounds. Bulbs at single and dozen rates as quoted in this catalog will be postpaid anywhere in the United States unless otherwise noted.

We have, as near as possible, arranged the different varieties of each sort according to their season—that is the extra early kinds first, medium early next, and so on.

We recommend the Semesan treatment for all seeds. See page 48.



### Asparagus

Asparagus can be grown from seed or propagated from roots. Sow the seed in April or May on good soil, in drills 12 to 14 inches apart. When one or two years old, transplant, as early in the spring as the ground can be worked, into permanent beds, made very rich and thoroughly trenched 2 feet or more in depth. Set the plants in rows 2 feet apart and 12 inches between the plants in the row. Care should be taken that the roots are well spread and set at a depth of 6 inches below the level of the bed. Cover only 2 or 3 inches and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down, apply a dressing of coarse manure, and in the spring fork it in. An occasional top dressing of salt is also beneficial, and keeps down the weeds.

**Washington.** Washington Asparagus is as far as possible an extremely rust-resistant, vigorous and high yielding strain of Giant Asparagus. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

#### ASPARAGUS ROOTS

The high yielding, vigor, and rust-resistance of this variety make it the most ideal type to plant. Roots are grown and are selected from true stock. \$1.75 per 100; \$12.00 per 1000.

### Artichoke

**Large Green Globe.** Heads large and scales tender and excellent. Pkt., 15c; oz., \$1.00.

### Broccoli - Italian Cauliflower

(Calabrese Green Heading)

One ounce will produce about 3000 plants.

Give Broccoli the same cultivation as Cauliflower and the heads can be cut from late July until the first of October. Prepared for the table the same as Cauliflower; a very delicious vegetable now quite popular. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; lb., \$6.50.

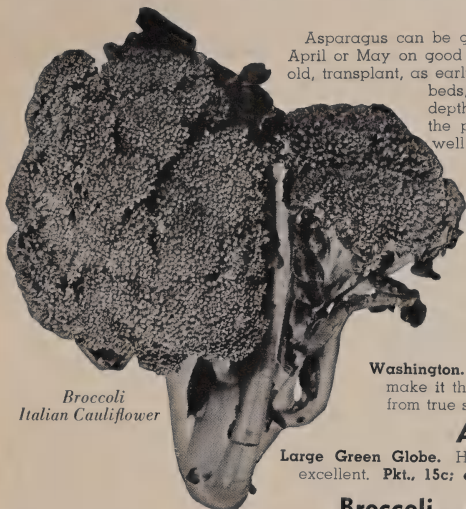
### Broccoli Di-Rapa (Senaps)

Much relished turnip-like leaves which are used for greens and its small flower heads. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

### Brussels Sprouts

Popular for the little buds like cabbage heads, that develop thickly along the stalk. These are cooked the same as cabbage or cauliflower, and have a pleasing, delicate flavor. Brussels Sprouts do best in rich, well-drained soils. Sow in seedbeds in May, transplant 2 feet apart and cultivate like cabbage. The leaves should be broken down in the fall to give the little cabbages room to grow.

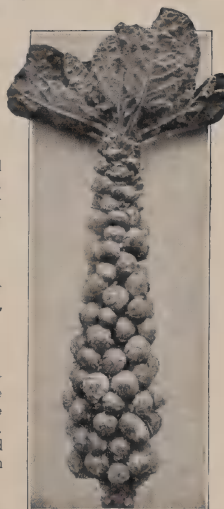
**Long Island Improved.** The very best and surest strain. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.



Broccoli  
Italian Cauliflower



Washington Asparagus



Brussels Sprouts

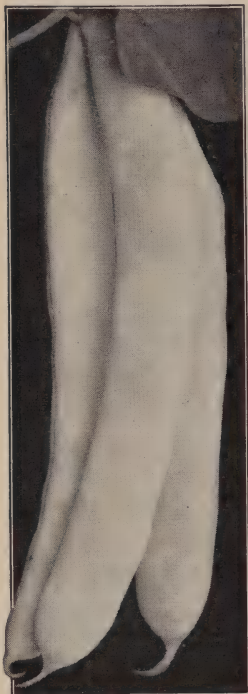


## Dwarf or Bush Beans

Beans are extremely tender, and it is useless to plant them before the first or middle of May, or before the ground has become light and warm. The best soil for Beans is a light, well-drained loam which was manured for a previous crop. Plant in drills 18 inches to 3 feet apart, according to the richness of the soil—the poorer the soil the nearer together. Sow the Beans 2 to 3 inches apart in the rows and cover about 1 inch. Hoe frequently, but only when dry. For succession, plant until August.

1 lb. equals 1 full pt.; 2 lbs. equal 1 full qt.; 2 lbs. will plant 100 ft. of drill; 90 lbs. for one acre.

TO INCREASE YOUR CROP OF BEANS, INOCULATE WITH NOD-O-GEN. EASY TO USE. SMALL COST. LARGE RETURNS. See page 46



Improved Golden Wax

Strong plants bearing great quantities of Beans of delicious flavor. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Tendergreen Stringless Green Pod.** Outstanding green-podded Bean of highest quality for home market and canning. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Giant-Pod Stringless Valentine.** Earlier, larger and more productive than Early Round-Pod Valentine; stringless, round, full and fleshy. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Low's Champion.** Very productive, with large, green, stringless pods. It has but few, if any, equals. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**French's Dwarf Horticultural.** An improved form of the Dwarf Horticultural, producing long pods beautifully splashed with bright crimson and highly productive. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Dwarf Horticultural.** A dwarf variety of the old Horticultural Cranberry Pole Bean. Used as a shell Bean. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

### Wax-Podded Beans

All Varieties, 15c per pkt.

**Round-Pod Kidney Wax.** Wonderfully early and productive; long, round, stringless, waxy white pods; crisp, brittle; free from rust. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Improved Golden Wax.** Early and hardy; long, rich, golden yellow, stringless pods; less liable to rust than preceding. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Sure Crop Stringless Wax.** A valuable variety of dwarf wax Beans, very productive and will stand a longer season of damp weather than other wax Beans. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Pencil-Pod Black Wax.** The finest. Pods yellow, round, stringless; excellent. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

### Green-Podded Beans

All Varieties, 15c per pkt.

**Burpee's Stringless Green-Pod Bush.** Dwarf green-podded Beans; stringless and remain tender and crisp long after maturity. Two weeks earlier than Early Round-Pod Valentine; pods light green, long, round, fleshy. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

**Bountiful.** One of the best early, flat-podded sorts, stringless, very tender and prolific bearer; a fine sort for late sowings. Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.

## Edible SOY BEANS Market Price

**Pleasantful.** Medal winner at 1939 All-America Trials. Medium sized flat green pods, perfectly stringless.



A Field of Bountiful Beans

## Pole or Running Beans

ALL VARIETIES: PKT., 15c.

Plant two weeks later than dwarf varieties. Limas are more tender and will do better if not planted until the first of June. Set poles 6 to 8 feet long in rows 4 feet each way. Sow 6 to 8 seeds around each pole, cover about 1 inch, except Limas, which should be stuck **eyes down** and covered only one-fourth inch. Manure liberally and leave hill raised, to prevent water from rotting the seed.

Two pounds will plant about 100 hills.

**Early Leviathan Lima.** One week earlier than any other and two weeks earlier than most varieties of Pole Limas. Wonderfully productive. Long, straight, immense pods in large clusters, containing 3 to 5 beans. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$2.00; 15 lbs., \$3.25.**

**King of the Garden Lima.** Vigorous grower; profuse bearer; pods 5 to 8 inches in length. Beans large and good. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$2.00; 15 lbs., \$3.25.**

**Mammoth Horticultural Cranberry.** Beans large; pods red; most productive. **Lb., 40c; 2 lbs., 75c; 7½ lbs., \$2.25; 15 lbs., \$3.75.**

**Early Dutch Case-Knife.** One of the earliest and most prolific sorts. Pods long and flat, with white seed. Good green or dry. **Lb., 40c; 2 lbs., 75c; 7½ lbs., \$2.25; 15 lbs., \$3.75.**

**Kentucky Wonder or Old Homestead.** Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Early and productive. Used only as a string Bean. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.**

**Kentucky Wonder Wax.** This new Pole Bean is quite similar to the very popular green-podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$1.75; 15 lbs., \$3.00.**

**Italian Pole.** Large pods heavily streaked and splashed with crimson; heavy cropper. **Lb., 40c; 2 lbs., 75c; 7½ lbs., \$2.25; 15 lbs., \$3.75.**



*Beans are Always a Tempting Dish*

**Scarlet Runner.** Cultivated principally for its flowers, which are of a bright scarlet, also used by some for a shell Bean. **Lb., 40c; 2 lbs., 75c.**

**Bean Poles, Made of Selected Cedar, 8 to 10 Feet.**

## Dwarf or Bush Shell Beans

**Improved Yellow Eye.** One of the best sorts for baking, extremely productive and of superior quality. **Lb., 30c; 2 lbs., 50c; 7½ lbs., \$1.65; 15 lbs., \$2.75.**

**White Kidney.** Excellent when shelled either green or dry; a superior kind for baking. **Lb., 30c; 2 lbs., 50c; 7½ lbs., \$1.65; 15 lbs., \$2.75.**

**White Marrow.** Extensively grown for sale as a dry Bean for winter use; also good shelled green. **Lb., 30c; 2 lbs., 50c; 7½ lbs., \$1.65; 15 lbs., \$2.75.**

**Red Kidney.** Unequaled as a shell or baking Bean; very prolific. **Lb., 30c; 2 lbs., 50c; 7½ lbs., \$1.65; 15 lbs., \$2.75.**

**Fava-Mammoth Long Podded Broad.** Variety most desired by Italian gardeners; large podded, broad, prolific Beans. **Lb., 40c; 2 lbs., 75c; 7½ lbs., \$2.25; 15 lbs., \$4.00.**

## Bush Lima Beans

ALL VARIETIES: PKT., 15c.

**McCrear's Bush** (Small Fordhook). Desirable for home garden; medium season, prolific potato type Beans, green colored when cooked; of good quality. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$2.00; 15 lbs., \$3.25.**

**Fordhook Bush.** This excellent variety is perfectly suited to the garden of a limited area. Dwarf, strong, quick growth and high productiveness. Each pod well filled with 4 or 5 large beans of excellent flavor. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$2.00; 15 lbs., \$3.25.**

**Burpee's Improved.** Produces magnificent crops of pods measuring from 5 to 6 inches long by 1¼ inches wide. Pods and beans are much larger than Burpee's Bush Lima, while the beans, either green or dry, are nearly twice as thick. The beans are of delicious flavor and are ready to use 8 to 10 days before Burpee's Bush Lima. **Lb., 35c; 2 lbs., 65c; 7½ lbs., \$2.00; 15 lbs., \$3.25.**

## USE NOD-O-GEN

### BACTERIA INOCULATION

To increase your crop of Lima Beans. Easy to use. Small cost brings large returns. See page 46.



*Lima Beans are Delicious and Nourishing*



## Quality Table Beets

Well enriched, light soil is best adapted for Beet culture. Sow in drills 1 foot apart and cover  $\frac{1}{2}$  inch. It is important that the earth be pressed firmly about the seed. When the plants are large enough, thin to 4 inches apart. The thinnings can be used for greens, if desired. For early, sow as soon as the ground can be worked, and continue for succession until the first of July. Mangel and Sugar Beets require liberal manuring and should stand 10 to 12 inches apart in the rows.

One ounce will sow 50 feet of drill, 5 to 6 pounds to one acre.

ALL VARIETIES: PKT., 10c.

**Detroit Dark Red Turnip.** Roots roundish, smooth; dark red; flesh bright red, zoned with lighter; crisp, tender, sweet; a good keeper. Oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00.

**Crosby's Egyptian.** An extra early superior strain of blood-red Egyptian, carefully selected. Oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

**Early Eclipse.** Round and smooth; rich carmine; very sweet and tender; almost as early as Egyptian and superior in open ground. Oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00.

**Dewey's Early Blood Turnip.** Deep red; smooth and of fine form. A leading variety; keeps well. Oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00.

**Edman's Blood Turnip.** Deep red, sweet and tender; round, smooth, and of good size. Oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00.

**Long Smooth Blood.** A good late variety for fall and winter use; tender and sweet. Oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00.

**Early Wonder.** It is of uniform size, globular in shape, smooth skin, with medium sized top and small tap root. The color is a deep blood-red, quality sweet and tender. It has proved to the market gardener to be the earliest and most uniform bunching Beet in existence, which makes it one of the most profitable varieties. Oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

**Extra Early Egyptian.** Flat, with small, short top and single tap root; flesh dark red, tender and sweet; best for forcing. Oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

Treat all seeds before planting with Semesan for increased yields. (Special forms.) See page 48.

**CALOMEL.** Used in the control of maggots on cabbage, cauliflower or other related plants. Mix 1 lb. to 25 lbs. hydrated lime. Market price.

## MANGEL-WURZEL AND SUGAR BEETS

**Norbiton Giant Long Red.** Roots of mammoth size. One of the most profitable for feeding stock. Oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Golden Tankard.** Roots large, ovoid, but well filled. Yellow and white. Oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Orange Globe.** Roots of large size and globular form. Oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Vilmorin's White Sugar.** One of the very best and most nutritious for feeding cattle; also used for making sugar. Oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.



Mangel-Wurzel Beet, Golden Tankard



Swiss Chard, Giant Lucullus

## SWISS CHARD

**Large-Ribbed White Curled.** Belongs to Beet family, and has a large, white-ribbed, curly, light green leaf, resembling that of the Beet, with a small root. Best for greens. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

**Giant Lucullus.** Stalks 10 to 12 inches long below the leaf, and as thick and broad as rhubarb. Leaf heavily crumpled, crisp and tender. The stalk and midrib, served like asparagus, with the leaves cooked and served the same as spinach, afford two distinct dishes at the same time. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

# Cabbage - Crisp - Tight Heading - Tender

Always be sure that your Cabbage seed is grown from well formed, selected heads. The ground should be a heavy, moist, rich loam, highly manured, deeply dug or plowed and thoroughly worked. For early plants sow in mid-September, and protect in cold frames through the winter. The more common way is to sow in hotbeds in February or March, and prick out into cold frames, to be transplanted when danger of frost is past. Early varieties should be set 18 inches by 2 feet, fall and winter sorts 28 inches apart each way. The late autumn and winter varieties may be sown in a seed bed, from the middle to close of spring, and transplanted when about 6 inches high. Shade and water in dry weather. See that the plants stand thinly in the seed bed; if they come up thick, prick them out into beds 4 to 6 inches apart. They can then be moved with earth attached, on a moist day, without damage. Transplant just at evening, giving each plant water at the root. Hoe every week more deeply as they advance, drawing up a little more earth each time, until they begin to head, when they should be fairly dug between and hilled up.

One ounce of seed will produce about 3000 plants.



**Golden Acre.** (Original Strain.) Considered the earliest round-headed Cabbage, averaging 4 pounds, with few outer leaves, permitting close planting. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Chinese Cabbage (Pe-Tsai).** This is a vegetable from the Far East. It is similar to Cos Lettuce in appearance and tenderness, and has the crispness of celery, while tasting like a Cabbage, without its offending odor. Sow the seed after July 1st. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.00.

**Copenhagen Market.** As early as the Charleston Wakefield. Perfectly ball-shaped, uniform in size, and as large or larger than the Danish Ballhead. Very solid and of fine quality. The plant is short-stemmed; leaves tightly folded. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Early Jersey Wakefield.** The standard, very early variety of medium size, pyramidal in shape, having a rounded peak. Its small, outside foliage permits of close planting; a good variety to winter in cold frames. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**The Charleston or Early Large Jersey Wakefield.** Of the same form and type as the Early Jersey Wakefield, but fully a half larger, while it is less than a week later. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**All Seasons.** One of the very best sorts for general cultivation, either for early fall or for winter use. Heads very large, usually somewhat flattened and solid. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**Excelsior Large Flat Dutch.** The king of late Cabbages. Improved by selection from the Late Flat Dutch; unquestionably the best strain. Its remarkable uniformity, size, short stump, few outside leaves and solid weight make it the most profitable late sort. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.85.

**Danish Ballhead.** Plants rather long-stemmed, but compact; leaves very smooth but thick; head of medium size, round and very solid, being the hardest heading Cabbage we know, and of the very best quality. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.25.

**Danish Roundhead.** A short-stemmed type of the Danish Ballhead, maturing earlier than that variety. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.25.

**Penn State Ballhead.** Plants short-stemmed with solid heads, extremely hard, heavy yielder per acre and a good keeper. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Perfection Drumhead Savoy.** Large heads of finely curled leaves, particularly adapted for private use. Grown in the fall and allowed to be touched by frost, it is one of the most delicious of all vegetables. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Red Drumhead.** Excellent for pickling or eating raw. For solidity, deep red color, certainty of heading and dwarf habit of growth, this has no equal. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Slug Shot Will Kill Cabbage Worms.** See page 49.

## CARDOON

Sow seeds in open ground in early spring where the crop is to mature. Have rows 3 to 4 feet apart. Plants 1 to 2 feet apart in the rows. Full grown leaves are tied together, wrapped in straw, and banked up with earth. Cooked and served in the same way as asparagus. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

**USE GROFAST PLANT FOOD FOR BETTER CABBAGE**



Perfection Drumhead Savoy Cabbage



Danish Roundhead Cabbage



Chinese Cabbage



## Carrots for Vitamin "A"

Carrot seed should be sown in April for early and until the first of June for later crops. Make the surface smooth, and plant in drills, 14 inches apart; cover not more than ½ inch, and thin to 4 inches apart in the rows. Like all root crops, a rich, sandy loam, deeply cultivated, which has been well manured for a previous crop, is most suitable for Carrots. Strong, fresh manure should never be used.

An ounce of seed will sow 100 feet of drill:  
3 or 4 pounds for one acre.

**Coreless.** Early, deep orange, smooth, about 6 inches long, free from woody core or heart; of fine quality. Pkt. 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00

**Chantenay.** For table use it is probably the best in shape and finest in quality; a little longer than the Scarlet Horn and broader at the top. The flesh is a beautiful, rich orange color. Very uniform in size. Pkt., 10c; oz., 45c; ¼ lb., \$1.50; lb., \$5.00.

**Danvers Half-Long Orange.** Cylindrical shape, stump-rooted, orange-red, and is said to produce a heavier crop than any other variety. It is smooth, close-grained, and almost coreless. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.75.

**Improved Long Orange.** The standard variety for garden or field crops, darker in color and smoother than the old Long Orange. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Guerande or Oxheart.** Not so long as the Danvers, but very thick, sometimes measuring 3 or 4 inches in diameter at the top. A great yielder; flesh bright orange, fine grained and sweet. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

**Imperator.** An outstanding type grown for market garden use. Flesh rich orange color. Fine grained and tender. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.75.

### CUPROCIDE (Red Copper Oxide)

Will prevent "damping off" of seeds. See page 48.

### CRESS

One ounce will sow 16 square feet.

**Fire-Curled Pepper Grass.** The sort most generally used. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

**Water Cress.** Pkt., 15c; oz., \$1.00; ¼ lb., \$3.50.

## Superior Cauliflower

There is no vegetable grown more delicious than the Cauliflower. With a deep, rich soil, plenty of moisture and thorough cultivation, it is as easily grown as cabbage. For early, the seed may be sown in September and the plants wintered in well protected cold frames, or sown in hotbeds early in March, and when sufficiently large, transplanted in cold frames and gradually hardened by exposure. When the weather will permit, set in the open ground in rows 3 feet apart and 2 feet between the plants in the row. For fall crops sow at the same time, and treat in the same manner as late cabbage. Cauliflower will not head in hot, dry weather, therefore, the time of planting should be regulated so they will head either in early summer or autumn. Keep well watered when they begin to head. If the leaves are drawn up and tied loosely over the head it will hasten blanching. Cut before the flower begins to open.

One ounce will produce about 2000 plants.

**Early Snowball.** Super-strain. An extremely early, dwarf variety, producing magnificent white heads of the finest quality. The standard variety for general use. Pkt., 25c; ¼ oz., \$1.25; oz., \$4.50.

**Extra Early Dwarf Erfurt.** Almost, if not quite, as early as the Snowball. Very dwarf, with large, solid, pure white heads of finest quality. Pkt., 25c; ¼ oz., \$1.25; oz., \$4.50.

**Large Algiers.** An extra fine, late variety, suitable for market and sure to head. Pkt., 15c; ¼ oz., 75c; oz., \$2.50.



Imperator Carrot

**Snārol**

The National Pest Control

**SNAROL.** Unusual material for killing cut worms. See page 49.



# You Can Grow Your Own Celery

Celery, more than any other vegetable, demands intelligent and careful culture. The seed is very small and is slow to germinate; with the inexperienced a good stand of plants is an exception. For early, sow in shallow boxes in gentle heat in February and March, and for later, sow about the middle of April in a finely prepared seed bed, in rows so that the plants can be kept free from weeds. Cover not more than  $\frac{1}{4}$  inch, and press down firmly with the back of the spade or a board. Be sure and keep the bed constantly moist (a partially shaded location is favorable on this account), or cover the bed with a little matting or burlap, directly on the soil, until the plants begin to prick through the ground, when it should be immediately removed. When large enough to handle, thin and transplant to 4 inches apart. Clip off the tops when about 4 inches high to make them stocky. Plant out from the middle of June until the middle of July in rows 4 to 5 feet apart, and 8 inches apart in the rows. Care should be taken in setting, not to cover the crowns and to press the earth firmly about the roots. Keep it well cultivated until a month before it is wanted, when it should be hilled or banked for blanching; this should be done gradually, usually in two or three operations a week or so apart, the last time almost to the tips of the leaves. Select a rich, deep, sandy loam, rather moist.

**SEMPER SAN**  
**MAKES SEEDS HEALTHY**

One ounce will produce about 4000 plants.

**Golden Self-Blanching.** Its fine form, rapid growth, extreme earliness, superior flavor and keeping qualities, rich golden color, and slight trouble in blanching, are all that could be desired in a Celery. Our seed is true to name from originator's stocks. **Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25; lb., \$8.00.**

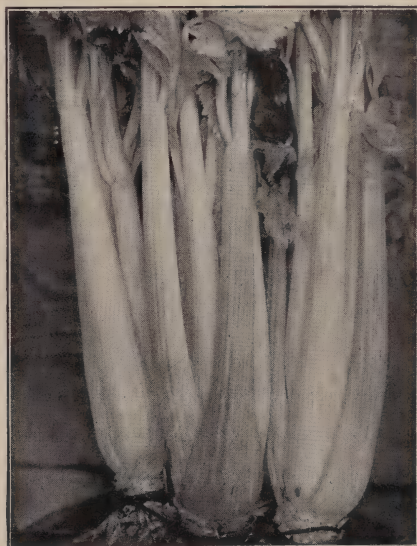
**White Plume.** The stalks and portions of inner leaves and heart are naturally white; needs very little earthing up; crisp, solid and of a pleasing nutty flavor; the best for early. **Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.**

**Giant Pascal.** A valuable variety for both second early and midwinter use. It grows about 2 feet high, the stalks are very broad, thick and crisp, and entirely stringless; easily blanched. **Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.**

**Golden Plume, Self-Blanching.** A splendid variety of early Celery, an improved self-blanching sort, making stocky growth; stalks rich golden yellow and are remarkably crisp and tender, with nutlike flavor; handsome in appearance. Seed offered from originator's strain. **Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25; lb., \$8.00.**

**Boston Market.** Remarkable for its tender, crisp and succulent stems, and its peculiar, mild flavor; of branching habit and a good keeper. **Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.**

**Winter Queen.** Exceptionally vigorous and compact growth. **Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.**



Golden Plume Self-Blanching Celery



Witloof Chicory

## Celeriac, or Turnip-rooted Celery

**Giant Prague.** The roots are of good size, round and smooth, with small tops. **Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.**

## Chicory, Witloof, or French Endive

Sow in May or June in drills. Thin out or transplant to 6 inches. In the fall trim roots, transplant into sand in cellar or cold frame, cover with straw. Crisp shoots form which make a delicious salad. **Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.**

## Chicory, Italian Dandelion Asparagus

Planted early in spring this Italian variety produces tender flower stalks which are cooked like Asparagus. **Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25; lb., \$8.00.**

## Collards

**Georgia.** Largely used in the South, and prepared in a manner similar to Spinach. Collards are used as a substitute for Cabbage in those sections where Cabbage cannot be raised. **Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.**

## Corn Salad

Grown for salads. For summer, plant in early spring; for winter and early spring, sow in August and September, and protect with straw in winter; sow thickly in rows 1 foot apart, cover  $\frac{1}{2}$  inch. **One ounce will sow 100 feet of drill. Large Round-Leaved.** Standard sort. **Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.**



Celeriac



# Sweet or Sugar Corn

Our Northern Grown Seed Corn Means Earlier Crops and Hardier Plants.



Save Replanting. Use Crow Repellent.  
See page 48.

Nicotine and Rotten Corn Borer Dusts  
at Market Prices

Plant from May 1st until July 1st in any good soil in hills, the dwarf varieties 3 feet, and the larger varieties 4 feet apart each way. Drop six kernels to the hill, cover about 1 inch and thin to four plants at the second hoeing. Keep free from weeds, and give frequent cultivation. Soaking the seed an hour before planting will hasten its sprouting.

On account of values which we cannot anticipate, all prices in this catalog are subject to CHANGE WITHOUT NOTICE.

1½ pounds will plant 200 hills; 12 pounds for an acre.  
¾ pound equals 1 pint; 1½ pounds equals 1 quart.

## Standard Varieties

ALL VARIETIES: PKT., 15c.  
(Except where noted)

### EARLY VARIETIES

**Midget.** A very dwarf variety with dark foliage. Height about 30 inches. Ears 3 to 4 inches long with sweet, white kernels. Suitable for the small home garden or growing under glass. Pkt., 25c; ¾ lb., 85c.

**Columbia.** Extra early. A very desirable, extra early, prolific variety, short stalk averaging two ears of excellent flavor. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Golden Bantam.** A yellow Sweet Corn; of distinct flavor; stalks dwarf, setting ears 5 to 7 inches long, covered to the tip with 8 rows of golden kernels. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Golden Early Market.** Extra early, large yellow; good flavor. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Golden Sunshine.** Dwarf in habit, with ears 7 inches long, 12 rows of broad, yellow, sweet kernels; desirable and early. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Whipple's Early Yellow.** A 12-rowed variety maturing a few days after Golden Bantam; largely grown by market gardeners, and considered very valuable where known. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Howling Mob.** The ears of Howling Mob measure 7 to 9 inches in length with 12 to 14 rows of large, pearly white grains. Howling Mob usually produces two large ears to a stalk. It is the earliest white Sweet Corn of really high quality. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Early Golden Giant.** It combines all the excellent and inimitable qualities of the Golden Bantam, with a great increase in the number of rows. It is 12 to 16-rowed and frequently produces ears 10 inches long. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

### LATER VARIETIES

**Country Gentleman (Improved No Plus Ultra).** Ready a little before Evergreen. Ears medium with very deep, irregular kernels; small cob. Often 3 to 4 ears on a single stalk. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

**Evergreen.** The standard late sort; 6 to 8 feet high; large ears, with 12 to 16 rows of very deep, sweet kernels. Remains a long time in a green state. ¾ lb., 30c; 1½ lbs., 50c; 6 lbs., \$1.50; 12 lbs., \$2.50; 48 lbs., \$9.00.

## New Hybrids and Top Cross Varieties

ALL VARIETIES: PKT., 20c  
(Except where noted)

**Spancross C413.** The outstanding Hybrid Corn developed to meet the demand of the market gardener; maturing very early, bearing good quality ears 6½ to 7 inches long. Will and cold resistant. ¾ lb., 40c; 1½ lbs., 75c; 6 lbs., \$2.75; 12 lbs., \$4.75; 48 lbs., \$18.00.

**Market Hybrid.** 70 days. Stalk 4½ ft. Short-stalked hybrid as early as Golden Early Market; ears nearly as large with thick husk; yield 25 per cent more. ¾ lb., 40c; 1½ lbs., 75c; 6 lbs., \$2.25; 12 lbs., \$4.00; 48 lbs., \$14.50.

**Marcross C613.** 74 days. Stalk 6 ft.; 12-rowed, large ears 7 to 8 inches long. Will-resistant hybrid with ears as large as Golden Early Market; strong stalk with 25 per cent greater yield. Four days later, little better quality. ¾ lb., 40c; 1½ lbs., 75c; 6 lbs., \$2.75; 12 lbs., \$4.75; 48 lbs., \$18.00.

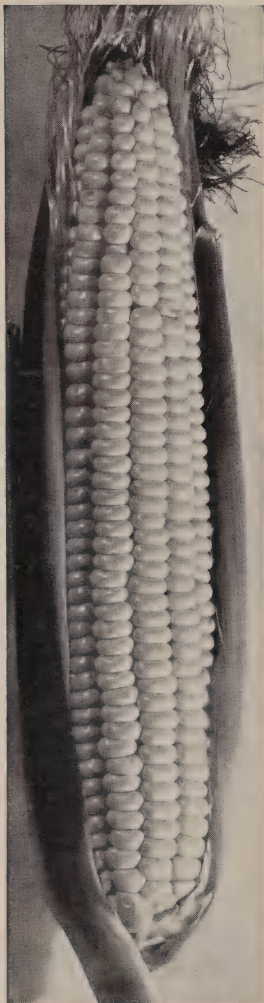
**Golden Cross Bantam.** Excellent hybrid cross from inbred strains, uniform ears and in maturity 10- to 16-rowed. ¾ lb., 40c; 1½ lbs., 75c; 6 lbs., \$2.75; 12 lbs., \$4.75; 48 lbs., \$18.00.

## POPCORN

**White Hullless.** Recommended as the best general-purpose variety. A sure popper of excellent quality. 1b., 25c; 2 lbs., 40c; 5 lbs., 90c.



Pop Corn



The Best in Sweet Corn  
For Your Table

## Field Corn



Hybrid Yellow Field Corn

### FLINT AND DENT VARIETIES FOR FIELD CULTURE

**Early Canada Eight-Rowed.** An improved strain grown locally, maturing in 90 days. In the preparation of this Corn for seed, each ear is carefully selected and is far superior to the ordinary strains. Very heavy cropper and averages two ears to stalk, which grows large and leafy; makes good fodder. **Market price.**

**Sweepstakes.** The stalks grow rapidly and to a good size, producing excellent fodder and an abundant crop of ears. **Market price.**

### CADWELL & JONES HYBRID YELLOW SWEEPSTAKES

It is the heaviest yielding Corn of highest food value. Every stalk bears large, sound, beautiful ears.

Extensive deep roots. Extremely disease, storm and drought resistant.

Highly recommended and promises to be the best ensilage Corn for Connecticut. **Market price.**

### SEMESAN, JR.

A dust disinfectant for preventing and controlling the ear and stalk rots of Sweet and Field Corn. See page 48.

## Salad and Pickling Cucumbers

For early Cucumbers start in the hotbed about the middle of April upon pieces of heavy sod grass side down. When the weather will permit, remove to carefully prepared hills in the open ground and protect with boxes when the air is cold. For the main crop, as soon as the weather has become settled and warm, prepare hills 4 feet apart, using a shovelful of warm, well-rotted manure to each hill; cover this 2 inches with fine earth, and plant 15 to 20 seeds  $\frac{1}{4}$  inch deep. Press down with the back of the hoe. When the plants begin to crowd and the danger from bugs is past, thin to four vines to the hill. Pick all Cucumbers when large enough; if left to ripen on the vines they will cease to be productive. For a succession, plant at intervals. For pickles, plant the middle of June until the middle of July.

One ounce will plant 50 hills, 2 lbs. for an acre.

**Early Russian.** The earliest variety in cultivation; 3 to 4 inches long; quite thick; flesh crisp and of fine flavor. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25.**

**Bennett Improved Early White Spine.** One of the finest strains of White Spine; most generally used for forcing and outdoor culture. Fair-sized, dark green; holds its color; very early, crisp, excellent. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25.**

**Colorado A. & C.** New dark green variety with symmetrical cylindrical fruit 8 to 10 inches long, slender and very uniform in size. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50.**

**Davis' Perfect.** Slim and symmetrical, averaging 10 to 12 inches, dark, glossy green, tender and brittle, of exceptionally good flavor. It is as early as the earliest White Spine and a large cropper. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.**

**Early Cluster.** Early, producing in clusters; fruit short, dark green; good. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.**

**Japanese Climbing.** Fruit about 10 inches long. Skin dark green; flesh pure white, can be grown on trellises and fences. **Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50.**

**Fordhook Famous.** Handsome, long green cucumber; White Spine type; 12 to 14 inches; straight, smooth and regular. Finest flavor. A healthy, vigorous grower, setting fruits in abundance throughout the season. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.**

**Long Green Improved.** About 12 inches long, firm, crisp, fine for pickles; one of the most productive. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50.**

**Everbearing.** Small; very early; vines continue to produce until killed by frost. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.**

**Windsor Pickling.** Improvement on Boston Pickling; wonderfully prolific; small, dark green, cylindrical; slightly pointed; crisp and tender. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25.**

**West India Gherkin.** Small, oval-shaped, recommended only for pickling. **Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; lb., \$2.75.**

**English Frame, or Telegraph.** Exclusively used for hothouse culture. **Pkt., 25c.**



Sliced Cucumbers are Good for You—Eat Plenty



## Thick-Leaved Dandelion

When a good stand is secured, Dandelions are easy to grow, and make excellent greens. Sow from spring to September in drills, on low ridges a foot apart. Cover lightly, press soil down firmly. Thin to 3 inches apart in row.

One ounce will produce about 2,000 plants.

**Improved Thick-Leaved or Cabbaging.** American grown. Pkt., 25c; oz., 75c; 1/4 lb., \$2.50; 1 lb., \$7.00.

**Italian Dandelion.** See Chicory, page 29.

## Eggplant

To get a good start, sow seed in March, in a strong, uniform heat. When 3 inches high, transplant to 4 inches apart. When cold weather has abated, harden gradually by exposure and transplant 2 1/2 feet apart in warm, rich soil. Provide shade, and keep plants protected against potato bug. Draw earth up around stem when a foot high.

One ounce will produce about 1,000 plants.

**New York Improved Purple.** The best sort for general culture. Large, round, or oval-shaped, dark purple, free from thorns. The most productive variety. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; 1 lb., \$5.50.

**New Hampshire Hybrid.** (New.) Produces 8-10 medium sized oval, purple fruits of excellent quality, suitable for the home garden and profitable for the market grower. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; 1 lb., \$5.50.

## Endive for Salads and Garnishing

Splendid for salads. Sow thinly in shallow drills 10 inches apart, in April for early and in June or July for late use. Thin to eight inches apart in rows; cultivate thoroughly. To blanch, draw up outer leaves and tie at top; will be ready for use in two or three weeks. Do not tie faster than wanted, as it soon begins to decay.

One ounce will sow 60 square feet.

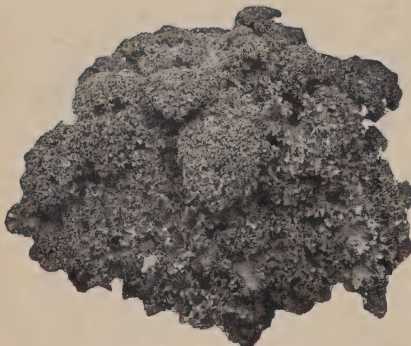
**Green Curled.** The variety most cultivated. Leaves beautifully curled, dark green, tender and crisp. Pkt., 10c; oz., 25c; 1/4 lb., 50c; 1 lb., \$1.50.

**White Curled.** Not so hardy as the Green Curled; grows to a large size, and is always crisp and tender; almost self-blanching. Pkt., 10c; oz., 25c; 1/4 lb., 50c; 1 lb., \$1.50.

**Broad-Leaved Batavian (Escarolle).** Full-hearted. Has broad, thick, plain or slightly wrinkled leaves. If the outer leaves are gathered and tied at the top, the whole plant will blanch, and may be eaten. Pkt., 10c; oz., 25c; 1/4 lb., 50c; 1 lb., \$1.50.

## Finocchio or Florence Fennel

Very delicious vegetable from Italy. Pkt., 10c; oz., 50c; 1/4 lb., \$1.25; 1 lb., \$3.50.



*Kale, Dwarf Green Curled*



*New York Improved Eggplant*



*Kohlrabi*

## Kale or Borecole

For best crops, select rich soil, dig a spade's depth and apply manure liberally. For summer use, sow in April; for winter and spring, sow in August and September. Plant thinly and cover lightly in drills 2 feet apart. Thin to 10 inches in the row. Protect lightly during winter.

One ounce will produce about 2,000 plants.

**Dwarf Green Curled.** One of the best for spring sowing; dwarf and spreading; rarely exceeding 18 inches. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; 1 lb., \$3.00.

**Siberian Curled.** Favorite for fall; about 2 feet high; leaves are not so deeply curled as the preceding, and bluish green; very hardy; will withstand 10 degrees below zero. Pkt., 10c; oz., 30c; 1/4 lb., 75c; 1 lb., \$2.50.

## Kohlrabi

For a succession sow at intervals, from early spring until July, in drills 1 foot apart, cover lightly and thin to 6 inches apart in the rows. The bulb that forms upon the stem just above the ground is fit to use when about half grown. A valuable crop for table vegetable or for stock food.

One ounce will sow 200 feet of drill.

**Early White Vienna.** A standard sort for market, table use, or forcing; flesh white and tender; very short top. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; 1 lb., \$5.00.

**Early Purple Vienna.** Bluish purple, similar to the above, except in color. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; 1 lb., \$5.00.

## The Mild Onion-Flavored Leek

Sow early in May, in drills 12 inches apart, cover 1/2 inch deep; cultivate as for onions. In July, prepare deep, rich soil in beds; transplant in rows 1 foot apart and 6 inches between plants. Set plants deep, draw earth up when hoeing to blanch properly. Select location where plenty of moisture can be had.

One ounce will sow 100 feet of drill.

**Large Musselburgh.** A favorite market sort of large size. Pkt., 15c; oz., \$1.00; 1/4 lb., \$3.75.

**Monstrous Carentan.** Enormous size; broad leaves, spreading like a fan. Hardy, fine quality. Pkt., 15c; oz., \$1.00; 1/4 lb., \$3.75.

## Mustard

The green leaves are used as a salad or boiled for greens. Culture same as for Cress.

**White English.** The sort mostly used to grow for salads. Oz., 10c; 1/4 lb., 35c; 1 lb., \$1.25.

# Superior Lettuce

For early plants, the seed may be sown in September and transplanted into cold frames for protection during the winter, or sow in February or March in hotbeds with a moderate bottom heat, cover lightly, and thin sufficiently to prevent crowding; gradually harden by exposure. Transplant to the open ground in a sheltered location in April; set in rows 1 foot apart, and 6 inches apart in the row; when heads begin to form, thin out by using alternate plants in the rows; for succession, sow in prepared beds as soon as the ground can be worked and at intervals of two weeks during the summer. To be crisp and tender, its growth should be vigorous and rapid, which requires rich soil, plenty of well-rotted manure and an abundance of moisture.

One ounce will sow 120 feet of drill.

**Black-Seeded Tennis Ball.** Popular for outdoor culture; heads well formed, hardy and crisp; excellent early heading. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

**Hartford Bronzed Head.** Unequaled, forms large, compact, bronzy red heads, shading to dark green toward root. Heart is rich cream-yellow; leaves thick and crimped. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

**Chicken.** Large-leaved tall growing variety producing an abundance of leaf growth which is stripped off for poultry green feed. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**White Boston.** Similar to white seeded Big Boston. Leaves are free from brown tint; heart buttery yellow. Desirable for nearby markets. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

**Black-Seeded Simpson.** Much larger than Curled Simpson; large, loose heads of thin and exceedingly tender, light green leaves. Stands heat well; very early. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Big Boston.** Resembles Boston Market, but nearly twice as large; desirable for forcing and outdoor planting. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

**May King.** The head is of globular shape, hard and well closed; the leaves are light green, with delicate ribs and lightly waved; the interior is of a clear yellow, very tender and of fine flavor. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



Imperial Type Head Lettuce

**Early Curled Simpson.** Compact, curly leaves; yellowish green. It matures quicker than varieties forming firm heads, and is very early. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Grand Rapids.** There is no better forcing type in the loose-leaf varieties. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

**Imperial New York No. 847.** Pronounced by some gardeners an improvement over other types of New York for spring and summer sowings. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50.

**Hanson Head.** Most reliable for outdoor cultivation. In good ground the heads grow large. Outer leaves bright green, inner leaves white, tender and crisp; free from bitter taste. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



Grand Rapids Lettuce

**Imperial 44 (New York Type.)** Outstanding in many trials; resistant to tip-burn; solid and fine marketable heads. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50.

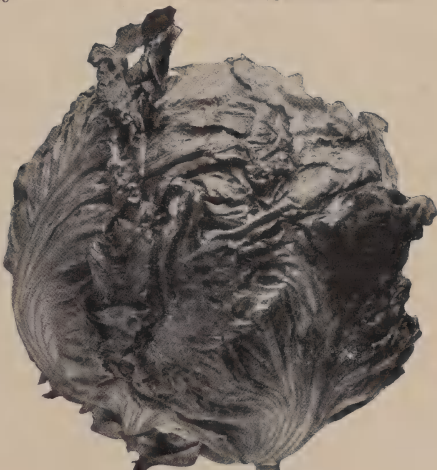
**New York No. 12 (Los Angeles Iceberg.)** One of the largest varieties. Heads solid, crisp and tender. This Lettuce must not be confused with iceberg, which is a different type. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50.

**Imperial New York No. 515.** Stands hot weather well and is resistant to tip-burn. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50.

**Cos, Trianon Self-Closing, or Romaine.** Finest Cos Lettuce; forms long, pointed, compact bunches; fresh, crisp and mild even in hot weather. Grows large, interior well blanched. One of the choicest varieties for serving in full leaf, as every part is tender and delicate. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



Trianon Cos Lettuce



New York No. 12 Lettuce



# Fresh and Sweet Melons

A warm, rich, sandy loam is best adapted for Melon culture. The middle of May is early enough for planting in the open ground, but the crop can be forwarded by starting in hotbeds on sods and transplanting the same as Cucumbers. Plant in hills 6 feet apart each way for Muskmelons and 8 feet for Watermelons. Mix in the hill one or two shovelfuls of well-rotted manure, press down and cover with earth; plant on this a dozen or more seeds  $\frac{1}{2}$  inch deep. When danger of bugs is over, thin to three plants in a hill. When the main shoots are a few feet long, pinch off the ends, to force the laterals on which the fruit is borne. Spraying with Bordeaux mixture will generally prevent damage by bugs. Another good way is to plant Squashes a few weeks beforehand, and destroy the bugs that gather on the leaves.



Germico  
**Hotkaps**  
New Method of  
Plant Protection

Hotkaps permit earlier plantings and give complete protection from winds and cold rains. See page 60.



*Improved Hearts of Gold*

## Muskmelons

One ounce will plant 80 hills, 2 pounds for an acre.

### GREEN-FLESHED VARIETIES

**Extra Early Hackensack.** Ten days earlier than the old variety of Hackensack Melon. Round in shape, flattened at the ends. Skin green, thickly netted; the flesh is also green, rich and sugary in flavor; very productive and grows to a good size. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Rocky Ford, or Golden Netted Gem.** Round and uniform in size, weighing about 2 lbs. each; skin green, thin and thickly netted; flesh thick, light green, of luscious Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

**Honeydew.** A large, light-colored, smooth-skinned Melon, having a rather unusual shape and appearance. The fruits often weigh 8 to 10 pounds each, and have a thick, light green flesh. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

### SALMON-YELLOW-FLESHED VARIETIES

**Delicious.** The earliest large Melon, thick salmon flesh. A good Melon for the home market and roadside trade. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

**Emerald Gem.** An extremely early, medium-sized, prolific variety; skin ribbed and generally smooth, of a deep, emerald-green color. Flesh thick and of a beautiful, rich salmon, ripening thoroughly to the thin rind; unsurpassed in rich, delicious flavor. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

**Bender's Surprise.** This new Melon is a large, thick, heavily netted fruit; sweet flavor, no stringiness. An excellent home garden variety, maturing early. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

**Improved Hearts of Gold.** Disease-resistant, strong, vigorous vines, delightfully flavored fruit, medium size, round, distinctly ribbed, flesh a rich deep orange color, fine grained, spicy flavor. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

**Hale's Best.** Delicious sweet, medium early Melon of the Rocky Ford type; thick orange flesh, well netted, of highest quality. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.00.

CULTIVATE YOUR GARDEN THE EASY WAY  
WITH PLANET JR. GARDEN TOOLS. See page 59.

*Bender's Surprise*

# Watermelons

One ounce will plant 15 hills, 4 lbs. for one acre.

**Cole's Early.** Cole's Early is a fine, every-day Melon for the amateur. It is very hardy, a sure cropper, and extremely delicate in texture of flesh, which is a dark red color; the rind is thin and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We can highly recommend it for home use. The Melons are of medium size, nearly round in shape, rind green, striped with lighter shades. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Dixie.** In form oblong; skin dark green, with a remarkably thin rind, flesh intense deep bright scarlet; very sweet, tender and juicy, quite early; very productive and grows to a large size. This variety is a fine shipper. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Kleckley Sweets.** Fruits are of large size; oblong in form, with dark green skin; very thin rind, which is quite brittle. Flesh bright scarlet with broad, solid heart, most crisp, sugary and melting; entirely free from any stringiness. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Phinney's Early.** Very thin rind; flesh scarlet, sweet, luscious; medium in size, oblong in shape, and very early. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Mountain Sweet.** An old favorite, form rather long, color dark green, seeds dark, flesh scarlet, solid, very sweet and delicious. One of the very best for general culture. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Cuban Queen.** Skin beautifully striped dark and light green; the flesh is bright red, remarkably solid, luscious, crisp and sugary; very solid and the best of keepers; excellent to ship to distant markets; enormously productive. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Gray Monarch, or Long White Icing.** This distinct Melon is, without doubt, one of the largest of all. The skin is a mottled gray color; shape long; flesh bright crimson and of sweet, delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Ice Cream.** Medium size, nearly round; color pale green; white seed, thin rind, flesh solid, scarlet, crisp, of delicious flavor and very sweet. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.

**Green Citron.** For preserving; small, round, flesh white and solid. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.



Okra

## Okra

Grown for its green pods, which can be used in soups and stews. Sow the seed thickly in ordinary soil the middle or last of May, 1 inch deep in drills 2 feet apart; thin to 10 inches apart in the row.

One ounce will sow 40 feet of drill.

**White Velvet.** The pods are round and smooth; larger than those of any other sort; never prickly to the touch, produced in great abundance. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., 85c.



Kleckley Sweet

## PURE CULTURE MUSHROOM SPAWN.

Mushrooms are very easy to grow in any dark place where a uniform temperature of 50 to 60 degrees may be had. A dark cellar or shed, for example. Plant from September till January, in a bed composed of one-fourth loam and three-fourths fresh horse droppings, without much litter; mix thoroughly, put into a heap to ferment, and work frequently till it has cooled off somewhat. Now prepare a bed 4 feet wide, as long as desired, and build up on a firm, dry foundation. Pack the soil and manure solidly till the bed is level and about a foot high.

Thrust a thermometer into the center; when it registers 85 degrees, break the Mushroom Spawn into pieces about as large as hen's eggs, and plant it 2 inches deep and 10 inches apart all over the bed; cover and press down thoroughly. After 10 days or two weeks cover the bed with 2 inches of fine, fresh loam, pressed down firmly, and over this put 5 or 6 inches of straw or litter. If room is dry, spray occasionally with warm water. The Mushrooms will begin to appear in four to six weeks. They bring a good price, and are worth growing either for home or market.

Five pounds of Spawn for a bed 12 feet long and 4 feet wide. American, Pure Culture. In bricks of about 1 lb. Brick 35c., 10 bricks \$3.00.

Add to the price of Mushroom Spawn 10c for the first brick, and 1c additional for each succeeding brick, when ordered sent by mail.



American Pure Culture Mushrooms



# Best Strain Onions

The Onion is not so particular about the character of the original soil as many suppose. Good crops can be obtained on almost any soil not too wet, nor too dry, except a stiff clay, light sand, or hungry gravel. It is essential, however, that the land should be made rich by the thorough incorporation of manure in clean tillage for at least two years from the sod; heavy or rather clayey or moist (not wet) loam generally produces the largest Onions. If coarse manure is to be used, spread on twenty or thirty loads to the acre about the middle of November and plow in, not very deep. In March or April, as soon as the ground will work, plow 4 inches deep, and spread on a good dressing of fine compost, bone dust, or fertilizer. Harrow and cross harrow until the soil is fine and level. However early, a favorable opportunity to put in the seed should not be allowed to pass. Sow in drills 12 inches apart in the garden and 14 inches apart for field culture, cover  $\frac{1}{2}$  inch. It requires 4 to 6 pounds for an acre, 5 pounds is about right for medium-sized Onions. It is of the utmost importance to use good seed, not only good, strong-growing seed, but seed that has been raised from good-sized, well-ripened, selected Onions. They require three or four weedings in the row, but if care is taken in sowing to keep the rows straight and uniform, the wheel hoe will run so close to them that there will be but few weeds to remove by hand. It is known to gardeners that if Onions once get choked with weeds they never fully recover so as to produce a full crop. A top dressing of high grade fertilizer applied after the second weeding is very beneficial.

One ounce will sow 100 feet of drill, 5 pounds for one acre.



*Yellow Globe Danvers Onion*



*Wethersfield Large Red*

**Wethersfield Large Red.** The standard red variety, large size, skin deep, purplish red, form round, somewhat flattened, flesh purplish white, very productive, the best keeper and one of the most popular for general cultivation. As a market Onion, the Wethersfield is superior to many other varieties; everybody knows it and it is always in demand. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.00.

**Mammoth Prizetaker.** Of enormous size, averaging from 10 to 16 inches in circumference, and a good winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.00.

**Southport White Globe.** Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained, and of mild flavor. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; lb., \$8.00.

**Sweet Spanish.** Seed of this variety is usually started inside; produces very fine large bulbs when transplanted; of mild flavor. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.00.

**Yellow Globe Danvers.** Of large size; an early and abundant cropper; very thick bulb, flat or slightly convex bottom, full oval top, with small neck, and rich, brownish yellow skin. We ask attention to the seed we offer, which was grown from a fine and perfect selection of this variety. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.00.

**White Portugal, or Silverskin.** Very early; rather flat in shape, mild flavored. Does not keep so well as most other varieties. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; lb., \$8.00.

USE GRO-FAST FERTILIZER FOR FINER ONIONS. See page 62.



*Onion Sets*

## Onion Sets

Plant on good soil in 12-inch shallow drills, 3 inches apart in the drill, and slightly cover; the earlier they can be put in the ground the better. Keep free from weeds and gather a little earth to them in the process of cultivation. They are ready for use as soon as the bulbs begin to be of fair size. Prices variable as to market.

6 to 12 bushels (according to size) are required to set an acre in drills. Prices subject to change. Onion Sets are sold at the rate of 32 lbs. per bu., or 1 lb. per qt.

Yellow Onion Sets. Qt., 35c; 4 qts., \$1.25; pk., \$2.00.

White Onion Sets. Qt., 35c; 4 qts., \$1.25; pk., \$2.00.

Red Onion Sets. Qt., 35c; 4 qts., \$1.25; pk., \$2.00.

Special prices for larger quantities on application.

CADWELL & JONES, Inc.

# Peas for the Garden

Two pounds will plant 100 feet of drill.  
84 pounds one acre.

For first early crop, sow Improved East Hartford Extra Early as soon as the ground can be worked in spring. Select a rich, light, sandy soil, dry and well sheltered.

For the general crop, a deep, rich loam is best; the soil cannot be too rich for the dwarf varieties. Avoid using coarse, rank manure, as it drives the plants to vines without pods.

For market crop, sow in rows 2 to 4 feet apart, according to the variety. In the kitchen garden, sow the tall varieties in double rows 6 to 8 inches apart, and stick brush firmly between the rows when the vines are about 6 inches high. Sow the dwarf varieties in single rows a foot apart; cover 2 to 4 inches, according to the character of the soil and the time of planting, deepest on light soils and in late planting. Deep planting prevents mildew and prolongs the bearing season, yet in cold, heavy soils the seed is liable to rot if planted deep. If drills are made 5 inches deep and the seed covered only 1 or 2 inches, the earth can be gradually drawn into the trench as the plants grow; in this way a good stand can be had at a good depth. The wrinkled varieties are not so hardy as the hard, smooth sorts, and cannot be planted so early; they are, however, the sweetest and best flavored.

A succession may be had by sowing two weeks after the first early, the early, medium early, medium late, and late varieties at one time, so that they will follow for use one after the other.

One pound equals heaping pint;  
two pounds equals heaping quart.

ALL VARIETIES, 15c PER PKT.



Laxtonian (Hundredfold)

USE NOD-O-GEN  
BACTERIA  
INOCULATION  
FOR A LARGER  
YIELD OF PEAS.  
See page 46.

## EXTRA EARLY VARIETIES

**Hawley's Improved East Hartford Extra Early.** The very earliest market Pea in cultivation; of good quality and great productiveness, vines growing to a uniform height of 2½ feet and Peas maturing in two pickings; the very best variety for early market cultivation. Lb., 30c; 2 lbs., 55c; 7½ lbs., \$1.65; 15 lbs., \$2.50; 60 lbs., \$9.00.

**Gradus.** World's Record Strain. The vines grow 3 feet in height, with heavy stems and large, light green leaves. Hardy, productive pods 4 to 4½ inches long, filled with tender Peas, rich in flavor, with all the good qualities of the later marrow sorts yet only a few days later than the East Hartford. Lb., 35c; 2 lbs., 60c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.

**Alaska.** A blue Pea of excellent quality. The earliest of all the blue sorts. A desirable early Pea for market gardeners, growing from 2 to 2½ feet and very productive. Lb., 30c; 2 lbs., 55c; 7½ lbs., \$1.65; 15 lbs., \$2.50; 60 lbs., \$9.00.

**Thomas Laxton.** Excepting color of foliage and pods, in growth this is identical with the Gradus, two or three days later, but much more productive. Lb., 35c; 2 lbs., 60c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.

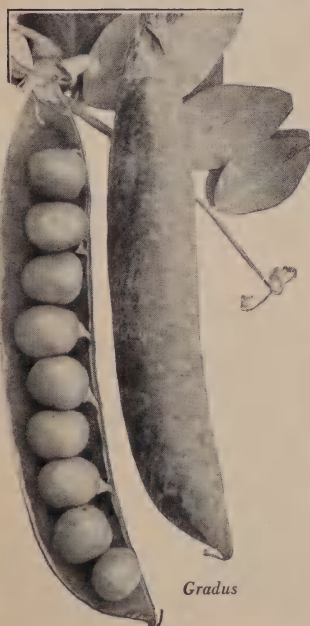
## DWARF VARIETIES

**Sutton's Excelsior.** Earliness and habit of growth same as Nott's Excelsior, with the added merit of producing abundantly much larger and handsomer pods than any other dwarf early, wrinkled sort. Peas large, tender and delicious. Height, 12 inches. Lb., 35c; 2 lbs., 60c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.

**Laxton's Progress.** One of the best new dwarf wrinkled varieties. Its fine quality and production cannot be excelled, growing 14 inches high with large well-filled pods. Lb., 35c; 2 lbs., 60c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.

**Laxtonian (Hundredfold).** This variety is best described as a dwarf Gradus. The vines grow about 14 inches high, bearing a profusion of dark green pods, with eight or nine large peas in each, of a quality equal to the Gradus, and in season fully as early. Lb., 35c; 2 lbs., 60c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.

Have a succession of Peas throughout the entire season by planting every two weeks up to May 25th.  
Peas planted August 1st will supply delicious Peas before frost.



Gradus



## Parsley is a Useful and Ornamental Garden Edging Plant

### ALL VARIETIES OF PEAS, 15c PER PKT.

#### PEAS—Continued

**New Dwarf Champion.** A robust, hardy variety, growing only 26 in. high, following the Sutton's Excelsior, producing in abundance handsome, large, dark green pods well filled with good-sized Peas, and possessing all the merits of the Telephone. **Lb., 35c; 2 lbs., 65c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.**

#### LATER VARIETIES

**Alderman.** A large podded, wrinkled Pea of robust habit. Pods 5 to 6 inches long, well filled with Peas of excellent flavor, 5 to 6 ft. tall. **Lb., 35c; 2 lbs., 65c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.**

**Dwarf Telephone.** Height under high culture, 18 inches; habit dwarf, stocky, healthy, vigorous, plants frequently bearing 5 to 7 pods. Pods long, frequently 5 inches in length, remarkably well filled, often containing ten delicious Peas. **Lb., 35c; 2 lbs., 65c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.**

**Telephone.** A nice, medium late, wrinkled variety growing 4 ft. high; very productive, having long, slightly curved pods, well filled with Peas of large size and best quality. **Lb., 35c; 2 lbs., 65c; 7 lbs., \$1.75; 14 lbs., \$2.75; 56 lbs., \$10.00.**

#### SUGAR PEAS

**Mammoth Melting Sugar.** Edible pods. The best known of the edible-podded Peas, bearing a large crop of fleshy tender pods, sweet and delicious. **Lb., 40c; 2 lbs., 75c; 7 lbs., \$2.50; 14 lbs., \$4.00; 56 lbs., \$12.00.**

Pea Brush, 4 to 5 feet.

#### Treat Your Peas with CUPROCID (Red Copper Oxide)

To prevent disease and stimulate growth. Use ¼ teaspoonful to 1 lb. of seed.



Telephone Peas

## Parsley For Seasoning and Garnishing

This seed is very slow to germinate and usually two or three weeks will elapse after sowing before the plants make an appearance. To hasten it, soak a few hours in tepid water, and when it swells sow thickly in shallow drills 1 foot apart and cover lightly; thin out the plants to 3 or 4 inches apart in the row. It can be forwarded by starting in the hotbed in February and transplanting to the open ground later. Protect in cold frames or a light cellar for winter use.

One ounce will sow 150 feet of drill.

**Champion Moss Curled.** Rather dwarf; of the richest green; beautifully crimped and curled; very ornamental. **Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.25.**

**Extra Fine Curled.** A fine dwarf variety, well curled, excellent for garnishing. **Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.25.**

**Plain-Leaved.** Not much curled; used in soups; rather stronger flavor than the other sorts. **Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.25.**

**Hamburg, or Rooted.** The roots of this type resemble Parsnips, served similar or used in flavoring soup. **Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.25.**



Champion Moss Curled Parsley

## Parsnips

As it is slow to germinate, plant only new seed and that liberally. Sow in April or early in May, in rows 12 to 15 inches apart; cover not more than ½ inch and press the earth firmly on the seed. When well up, thin the plants to 4 inches apart in the row. Parsnips are improved by frost, therefore a part of the crop should be left standing in the ground over the winter.

One ounce will sow about 200 feet of drill, 5 to 6 pounds to 1 acre.

**Ideal Champion Hollow Crown.** Roots long, white, smooth, free from side roots, tender, sweet and of excellent flavor. The tops are small and the crown is surrounded by a slight depression. **Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.**

**Long White Sugar.** A great cropper, tender and sugary; roots smooth and long. An old standard sort used for general cultivation. **Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.**



Ideal Champion Hollow Crown Parsnips



Ruby King  
Pepper

## Best Northern Potatoes

The potato seems to thrive in almost any soil or climate, but a good, sandy loam suits it best. Old sod plowed the previous fall will produce the most abundant and certain crops. On no other crop are the results from the use of phosphates more manifest than on the Potato. Organic manure promotes rot and other diseases, while commercial fertilizers prevent them and will grow smooth, fine tubers. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 10 inches apart in the row; plant one or two eyes in a hill (cut from the surface to the center of the tuber), cover 3 to 4 inches. Cultivate frequently from the time the young plants appear above the surface of the ground until they blossom. At each hoeing, throw the earth up to the plant for support and to develop the side shoots. In some sections, flat culture is preferred to ridging, especially when drought prevails, or the soil is light and sandy.

From 12 to 15 bushels are required to plant an acre.

OUR PRICES for Potatoes will always be found as low as the market will permit, quality considered. On account of fluctuations in values which we cannot anticipate at the time our catalog is issued in January, prices are omitted.

Lowest market prices on application.

### Certified Northern Grown Seed

**Irish Cobbler.** Very early, big yielder,

best quality; shape round to oblong.

**Green Mountain.** A leader in market; one of the best yielders, keepers, and sellers; ever introduced; of fine quality.

### Semesan Bel

An Instantaneous Dip Disinfectant  
for Seed Potatoes

2-oz. tin .....\$0.30    25-lb. pail .....\$3.25

1-lb. tin ..... 1.65    100-lb. drum 125.00

5-lb. tin ..... 7.15

## Select Peppers

Sow the seed in the hotbed in April, or in a warm, sheltered spot out-of-doors in May. Transplant in June into warm, mellow soil in rows 2 feet apart, and 15 inches between the plants in the row. Earth up a little at one or two hoeings.

One ounce will produce about 2,000 plants.

**Sweet Mountain.** Fruit large, early, sweet and pleasant to the taste; less pungent than most other sorts. It is much esteemed for pickling, for its mildness, as well as for its thick, fleshy, tender rind. The fruits are borne freely. **Pkt., 10c; oz., 45c; ¼ lb., \$1.50.**

**Large Bell, or Bull Nose.** Similar in shape to the Sweet Mountain, except that it is smaller, more tapering, and usually terminates in four obtuse points; rind thick, fleshy and tender. **Pkt., 10c; oz., 45c; ¼ lb., \$1.50.**

**Ruby King Improved.** This variety grows to an extraordinarily large size. When ripe, a handsome, bright ruby-red color; remarkably mild and pleasant to the taste. For stuffing, no other variety can equal it. **Pkt., 10c; oz., 45c; ¼ lb., \$1.50.**

**California Wonder.** Thick, fleshy, early and prolific, color glossy dark green. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**Squash, or Pickling.** Best for pickling, Tomato-shaped, thick meat and productive. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**Neapolitan, or Sweet Italian.** The earliest of the large Sweet Peppers. Thick meat and very productive. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**Long Red Cayenne.** Fruit brilliant coral-red; conical, often curved toward the end, from 3 to 4 in. in length; 1 to 1½ in. in diameter; very productive. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**Cherry Red.** A small, smooth, round variety of dwarf growth; fruit at maturity of a deep, rich, glossy scarlet. **Pkt., 10c; oz., 60c; ¼ lb., \$2.00.**

**Chili.** Pods pendent, sharply conical; about 2 in. in length, ½ in. in diameter. The variety generally used for Peppersauce. **Pkt., 10c; oz., 60c; lb., \$2.00.**

**Chinese Giant.** Very large, flesh mild and thick. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**Harris Early Giant.** Earliest and one of the largest Peppers grown. Flesh thick, of a very sweet flavor. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**Windsor A.** A variety developed by the Connecticut State Dept. of Agriculture. It bears a large crop of thick walled fruits, of fine flavor and mildly pungent. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

**World Beater.** Large green fruits, thick sweet flesh, uniform size and shape. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**



Northern Grown Certified



# *Cadwell & Jones' Selected Pumpkin Seed*

Culture same as winter squash; if planted with corn, drop two or three seeds in every third or fourth corn hill at the time of the first hoeing. If planted in fields by themselves, drop five or six seeds in hills 8 to 10 feet apart each way, cover about  $\frac{1}{2}$  inch, and thin out to three plants in each hill after the vines are well started.

One ounce will plant 10 to 15 hills, 2 to 3 pounds for one acre.

**Big Tom.** This grand new Pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. The skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For table use and stock feeding no more profitable or better variety can be grown. **Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.**

**Connecticut Yellow Field.** A large yellow variety; the best for field culture; very productive; used by some for culinary purposes, but largely grown for feeding stock. **Oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.**

**King of the Mammoths.** This is truly a giant among Pumpkins; specimens have been grown to weigh 250 lbs. in shape it is round, flat and slightly ribbed; color of skin and flesh bright golden yellow and of good quality, making excellent pies, but grown principally for stock; its extreme size makes it a prize winner for exhibition purposes. **Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.**

**Sweet, or Sugar.** This is a small, round and very prolific variety; skin and flesh deep orange-yellow; very fine-grained, sweet and fine for pies. **Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.**

**Winter Luxury.** The very best Pumpkin for pies. It grows round and uniformly to a diameter of 10 to 12 inches. Color a beautiful golden yellow, very closely netted. As a winter keeper it stands unequalled. **Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.**



*Plant Pumpkins for Pies*

## *Firm and Crisp Radishes*

To succeed with the Radish, everything must be done which will promote steady, rapid growth. A light, rich, sandy soil is best, and for early spring Radishes the seed should be sown in February in hotbeds, providing gentle heat. Sow in rows 6 inches apart, cover lightly; when plants are well up, thin to 1 or 2 inches apart in the rows. As soon as ground can be worked transplant out-of-doors in beds of finely prepared soil. Rows 8 to 10 inches apart. For a later succession sow every 10 days or two weeks. Sow the seed for winter varieties in July or August, take up before the first severe frosts, pack in sand and store in a cool cellar.

One ounce will sow 100 feet of drill.

All Varieties: Pkts. 10c.

**Extra Early Deep Scarlet Turnip.** Small top; very early; one of the best for forcing; matures in three weeks or less. Small, globose, deep rich red; flesh white; crisp and tender when young. May be planted closely. **oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.**



*Rhubarb*

## *Rhubarb*

**A Spring Tonic**

Can be grown from seed or from the single eyes taken from large roots. If from seed sow early in April in  $\frac{1}{2}$ -inch drills, thinning to 6 inches apart. In the permanent bed set plants 3 feet apart each way. Cultivate and enrich soil at least 2 feet deep. One ounce will produce 700 plants.

**Victoria.** The variety in general use for the market. **Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50. Roots 15c each; \$1.50 per doz.; \$12.00 per 100.**



*Radishes From Your Garden are Always Crisp and Tender*

## You Can Grow Tender, Crisp Radishes Almost Anywhere



*French Breakfast Radishes*

### RADISHES—Continued

**Early Deep Scarlet Turnip.** Small, round, dark red, turnip-shaped; small top; quick growth; flesh white, crisp and tender. More generally used for outdoor planting and forcing than others. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Early Scarlet Turnip, White-Tipped.** One of the handsomest; a great favorite for early planting outdoors; roots slightly flattened beneath; deep scarlet, with white tip; flesh white and of the best quality. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**French Breakfast.** Medium size; olive-shaped; small top; quick growth; crisp and tender; scarlet except near tip, which is pure white. Splendid for table on account of its excellent qualities and beautiful color. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Early Scarlet Globe.** The roots of this variety are slightly olive-shaped and a rich, bright scarlet in color. The flesh is white and tender. We recommend this as a large, first-early Radish. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Early Long Scarlet.** 6 or 7 inches long; half out of ground; straight and smooth; bright scarlet. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Iceberg.** The earliest long white Radish, of extraordinary crispness and tenderness; very fine for summer planting. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Earliest White Olive-Shaped.** The earliest of all. Good-sized Radishes have been pulled 18 to 20 days after sowing; pure white, oblong, crisp and tender. Tops are small, rendering them suitable for forcing, and admit of close planting. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Early White Giant Stuttgart.** Roots often 4 in. in diameter; skin white, flesh white and crisp, remaining so until very late; excellent for winter use. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

**Round Black Spanish Winter.** Roots round, 3 to 4 in. in diameter; skin black, flesh white, compact and highly flavored. Excellent sort for winter. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

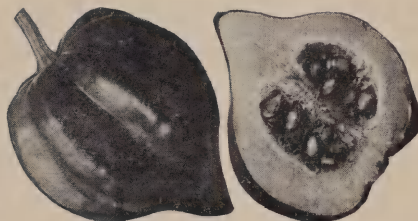
**Long Black Spanish Winter.** One of the latest as well as the hardest; considered excellent for winter; roots oblong, black, large and firm. Is an excellent keeper. **Oz., 15c; ¼ lb., 35c; lb., \$1.00.**

## Squash for Summer and Winter Use

Not safe to plant before May 15. Prepare and enrich soil as for cucumber, and plant seed in hills, 3 to 4 feet apart each way if for summer varieties, and 6 to 8 feet for the later sorts. Plant 8 to 10 seeds in each hill, covering ½ inch deep, and as soon as plants have set their rough leaves and danger of bugs is past, thin to four plants per hill. **Of the early varieties, 1 oz. will sow 40 hills, and 10 hills of the later sorts, 4 to 6 lbs. for 1 acre.**

**Early Prolific Straightneck.** Medium sized strain of creamy yellow color. Straight uniform fruits. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Giant Summer Straightneck.** Similar in appearance to the Crook-neck except that the fruit is straight, making this a very fine sort for packing. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**



*Table Queen*

**DUST SQUASH VINES FREELY  
WITH SULROTE—  
SEE PAGE 48**



*Early White  
Bush Scalloped*

*Early Golden  
Summer Crookneck*

**Early Golden Summer Crookneck.** Richest and best for summer, early and productive. Small, crook-necked, covered with little warts (the more the better). Color light yellow; shell hard when ripe; used only when young and tender. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Early White Bush Scalloped.** Shaped like yellow; lighter colored. Larger, coarser and later. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Table Queen.** In size Table Queen equals a fair-sized husked Cocoanut and a half, baked, serves one person amply. Unusually thin skin. The meat is dry and mealy, yields enormously, a few hills furnishing an ample supply for a good-sized family. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**





Improved  
Hubbard Squash

### SQUASHES—Continued

**Delicious.** Grows to weigh 5 to 10 lbs. and is considered one of the best fall and winter table Squashes. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Hubbard.** The standard winter Squash, grown more extensively than any other late variety; dark green, shell hard, flesh dry, fine-grained, sweet; an excellent keeper and with some care will keep three months later than the Marrows. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Italian Vegetable Marrow (Cocozelle di Napoli).** The fruits are oblong, average 12 in. in length, color dark green, often striped. They may be prepared for the table the same as any other variety of summer Squash, but are delicious when cooked like eggplant. Picked young and cooked this way they are a delicacy. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Long Italian Cuzuzi.** Extra long light green. When grown on a trellis is 4 feet long and straight. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Golden Hubbard.** Identical in form and quality with the well-known Hubbard Squash except that the heavily warted skin is a beautiful golden. Flesh is deep orange to rind. Cooks very dry; fine-grained and well-flavored. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**Blue Hubbard Squash.** A distinct sport of the well-known Hubbard. The skin is a peculiar shade of light blue. It is very uniform in size, with very firm dry flesh. It is also a fine keeper and makes an excellent market variety. **Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.**

# Spinach

## for Table Greens

Thrives best in the richest soil you can give it. Plant seed in drills 12 to 14 inches apart, using plenty of seed, and cover about an inch deep, pressing soil down firmly. For early spring, sow in August or September, covering the bed lightly during winter with litter which should be removed as soon as growing commences in spring. For summer, sow in spring as soon as ground can be worked, thin to 3 inches apart in row, and for a succession repeat every two weeks.

One ounce will sow  
100 feet of drill,  
8 to 12 pounds  
for one acre.

**Viroflay, Thick-Leaved.** One of the best for market or kitchen garden. Quick-growing, round-seeded variety; thick dark green leaves, slightly crumpled; suitable for either spring or fall sowing. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

**King of Denmark.** This Spinach grows rapidly and produces large, thick crumpled leaves of a beautiful, dark green color. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

**Long Standing Savoy.** Very hardy, with leaves curled and wrinkled like a Savoy cabbage. One of the best for fall sowing. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

**Old Dominion.** Blight resistant for early fall sowing. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

**New Zealand Summer.** Not a Spinach, but used as such. Grows 1½ feet high and is very prolific; does well in hot summer weather when the ordinary Spinach cannot be had; valuable for hot climates. Soak the seed in hot water before using. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**SWISS CHARD.** See Beet, page 26.



Salsify

## Salsify or Vegetable Oyster

Plant and cultivate same as Parsnip, as it is perfectly hardy; it can remain in the ground during the winter, but should be lifted in the spring before it commences to sprout. Store a supply for winter use in a cool cellar like other root crops.

One ounce will sow 100 feet of drill.

**Sandwich Island Mammoth.** This improved type of Salsify has entirely superseded the old variety, being nearly double the size, very smooth, white, and of fine quality. The roots being mashed or when made into fritters, it is almost impossible to distinguish them from the oyster fritters. **Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.**

### Sorrel

**Large Leaved French.** Use for soups and salads. Sow seed in any good garden soil in shallow drills a foot apart. Thin plants to a few inches apart, and remove seed stalks as soon as they appear. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$3.50.**



Viroflay Thick-Leaved Spinach

# Good Garden Tomatoes

Tomatoes thrive best on a light, warm, not over-rich soil. For early plants sow in the hotbed in drills 3 inches apart, four or five seeds to the inch; cover lightly, or they may be started in the sunny window of a warm room. Transplant when 2 inches high into other hotbeds, or into boxes or single pots, and place in the frames; if potted, it is well to plunge the pots into the earth level with their tops. Avoid crowding the plants; 4 inches is as near as they should stand in the frames. Lift the sash on warm, sunny days, and two or three weeks before setting outside gradually harden by exposure to the night air. Set 4 feet apart each way in the open ground in May, as soon as danger from frost is past. For later use sow in the open ground in May, transplant when large enough to handle. By training the vines on trellises or tying up to a stake the fruit will ripen better, be of better quality and of increased productiveness.

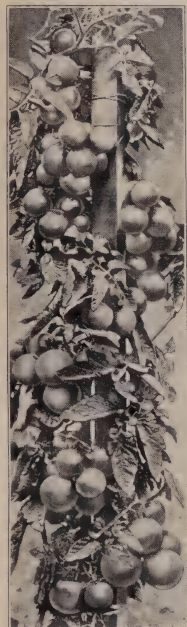
**One ounce will produce about 1,200 plants.**

**Sparks' Earliana.** The earliest large Tomato in the world; it is not only remarkable for its earliness, but for its very large, uniform size, handsome shape, beautiful bright red color and wonderful productiveness. It is smooth and solid, quite thick through and with solid center. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.85.

**Bonny Best.** Within one week as early as the famous Sparks' Earliana. The fruits are uniformly larger, thicker through, more solid and of finer quality. Both early and throughout the season the Tomatoes are uniformly of good size. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

**Pritchard Scarlet Topper.** A development of the U. S. Dept. of Agriculture, much in favor as a canning sort. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

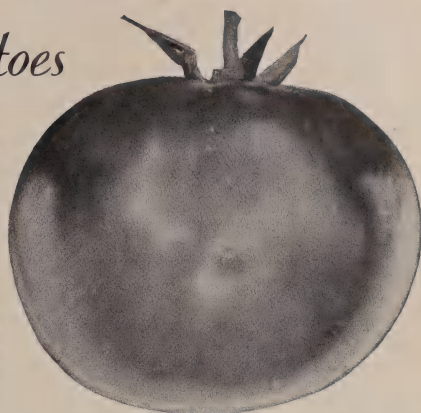
**Marglobe.** Developed by the Bureau of Plant Industry, U. S. Dept. of Agriculture. An extremely heavy cropper, with large, smooth, meaty red fruits free from cracks. Rust and wilt resistant. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.



*Marglobe Tomatoes  
Growing on Stake*

**Dwarf Champion.** The plants grow stiff and upright, with thick-jointed stems and foliage unlike most others, of an unusually dark green color; the fruit is medium in size; pink color. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.85.

**Dwarf Stone.** Is another splendid variety from Livingston. It resembles the Dwarf Champion in vine, with fruit double the size, yet equally early. In color and shape it resembles the Stone and is practically the same size. It ripens evenly; is free from cracks about the stem. The flesh is firm and solid; it is also very prolific. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.85.



*Tomato, Pritchard's Scarlet Topper  
Tops for Main Crop*

**Rutgers.** Medium to large fruits. Globe-shaped, very firm, deep red and attractive. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**Stone.** This Tomato has already obtained great favor with canners and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is red, perfectly smooth and thicker from stem to blossom end than most varieties, making it very handsome and salable. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

**Ponderosa.** No other Tomato approaches this for size, weight and solidity. The vines are strong and vigorous, and easily carry their enormous weight of fruit. Its color is of a dark rich crimson, flesh solid. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$5.25.



**Germaco  
Hotkaps**

**Oxheart.** Extremely large, late, pink-fruited Tomato. A novelty in size and shape. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$5.25.

**Mingold.** (New). (Silver Medal). An early heavy fruiting yellow Tomato ripening with Bonnie Best but having the size and shape of Marglobe. Mild, sweet flavor. Pkt., 25c; oz., \$1.50; ¼ lb., \$5.00.

**Yellow Plum.** Fruit plum-shaped, clear, deep yellow color and fine flavored; much esteemed for preserves. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**Strawberry, or Husk Tomato.** This, unlike other varieties, grows in a husk or pod, and may be kept all winter if the husks are not removed. Pkt., 10c; oz., 50c.

**Italian Canner** (Red Plum, Large). Oval variety, three inches long, firm flesh, few seeds. Pkt., 10c; oz., 50c.



*Bonny Best — Unexcelled Early Fruits*



# Table Turnips

The old adage: "Sow Turnips the 25th of July, wet or dry," still holds good for the main crop, but excellent results are often obtained from seed planted early in August. New land, plowed the previous spring, is good; harrow thoroughly and dress liberally with first-class commercial fertilizer. Sow broadcast and rake or bush in. For summer use, sow early, flat varieties as soon as ground can be worked in spring in drills 12 to 14 inches apart; cover lightly and thin 6 to 8 inches apart in the rows. Don't use fresh manure, as it makes the roots rough and useless.

**SEMPER PARSONS**  
MAKES SEEDS HEALTHY



Sweet Yellow Globe

## Swede Turnips

Also known as Rutabaga, Russian, French, and Rock Turnips. Sow from the middle of June until the middle of July in drills 2 feet apart and thin liberally. Cultivate thoroughly. One ounce will sow 150 feet of drill; one pound for one acre.

**Sweet White Rock.** One of the very best of Swedish sorts; commands a good price. Good size and shape, smooth and clear white, hard and brittle, but cooking tender and sweet. As a winter or spring Turnip, it has no superior and few equals. Keeps very late. Oz., 15c; 1/4 lb., 50c; lb., \$1.50.

**Improved American Purple Top Swede.** A strain of yellow Rutabaga of American origin, with smaller top and with shorter neck than English varieties. Oblong, with short tap root. While growing large on strong, newly cultivated land, they remain solid and fine grained. Flesh deep yellow; skin yellow, purple above ground. Quality and flavor sweet and mild, and like the other Swedes, keeping until late spring. Oz., 15c; 1/4 lb., 50c; lb., \$1.50.

## Sweet Herbs

BE FASHIONABLE! PLANT AN  
HERB GARDEN IN 1942

	Pkt.	Oz.
Catnip .....	\$0.10	\$1.00
Broad-Leaf Sage .....	Failure	
Dill .....	1/4 lb., 50c; lb., \$1.50	.30
Lavender .....	.10	2.00
Rosemary .....	Failure	
Sweet Basil .....	.10	.75
Sweet Fennel .....	.10	.50
Sweet Marjoram .....	.10	1.00
Summer Savory .....	.10	1.00
Thyme .....	Failure	
Wormwood .....	.10	1.00

Please remember that our store is located at the same place in the shopping district, where we have done business for 100 years.

One ounce will sow 10 square rods, one pound for one acre.

**Sweet Yellow Globe.** One of the very best for table and feeding; globe-shaped, large, smooth and handsome; pale yellow, flesh hard and firm, mild and sweet. Keeps well. Oz., 10c; 1/4 lb., 25c; 1 lb., 85c.

**Extra Early Purple-Top Milan.** Flat Turnip; earliest in cultivation. Medium size, flat and smooth; skin white, changing to bright purple above ground; flesh white and firm; flavor mild and sweet. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., \$1.00.

**Early White Flat Strap-Leaf.** Popular, early market variety; good size and quick growth; flesh white, sweet and tender; good for early spring planting. Oz., 10c; 1/4 lb., 25c; lb., 85c.

**Early Purple-Top Strap-Leaf.** Very popular; more generally cultivated than the other flat varieties, as it is a quick grower and attains a much larger size; valuable for spring and fall planting; flesh and skin white, skin changing to purple above ground; very compact and fine. Oz., 10c; 1/4 lb., 25c; lb., 85c.

**Purple-Top Globe.** Large; globe-shaped; good quality; productive and handsome; flesh white and tender, skin white and purple. Good for table or feeding stock. Oz., 10c; 1/4 lb., 25c; lb., 85c.

**White Egg.** Quick grower, egg-shaped, very smooth, pure white; thin skin, flesh solid, mild, juicy and sweet. Grows large, keeps late, one of the best. Oz., 10c; 1/4 lb., 25c; lb., 85c.

**Golden Ball.** Globular, good size, flesh deeper color than Yellow Globe; firm, good keeper, excellent. Oz., 10c; 1/4 lb., 25c; lb., 85c.



A Herb Garden Will Add Color and Distinction to Your Home



## General List of Grass Seeds

We make a specialty of Grass and adapted Clover Seeds and carry only stocks of varieties best suited for Connecticut.

Prices subject to market changes without notice.

Prices on seed in the following list fluctuate with the market, and will be quoted on request.

**Timothy, or Herd's Grass** (*Phleum pratense*).  $\frac{1}{2}$  bu. to the acre (45 lbs. to a bu.).

**Red-Top Grass** (*Agrostis vulgaris*). Absolutely clean and free from chaff. 15 lbs. to the acre (36 lbs. to a bu.).

**Fancy Clean Blue Grass, Kentucky** (*Poa pratensis*). Also called June Grass. Fancy re-cleaned seed. 30 lbs. to the acre (25 lbs. to a bu.).

**Creeping Bent** (*Agrostis stolonifera*). 50 lbs. to the acre.

**Hard Fescue** (*Festuca duriuscula*). 30 lbs. to the acre.

**Meadow Fescue** (*Festuca pratensis*). 40 lbs. to the acre.

**Meadow Foxtail** (*Alopecurus pratensis*). 25 lbs. to the acre.

**Orchard Grass** (*Dactylis glomerata*). 3 bus. to the acre (14 lbs. to a bu.).

**Chewing's New Zealand Fescue**. Highly recommended. (27 lbs. to a bu.). Re-cleaned and of latest crop.

**Rhode Island Bent** (*Agrostis canina*). 36 lbs. to the acre (36 lbs. to a bu.). Certified.

**Rough Stalked Meadow Grass** (*Poa trivialis*). 20 lbs. to the acre.

**Rye Grass, Domestic**. 2 bus. to the acre (24 lbs. to a bu.).

**Rye Grass, Pacey's** (*Lolium perenne tenue*). 60 lbs. to the acre (28 lbs. to a bu.).

**Rye Grass, Italian** (*Lolium italicum*). 2 bus. to the acre (18 lbs. to a bu.).

**Sheep's Fescue** (*Festuca ovina*). 50 lbs. to the acre.

**Sweet Vernal Grass** (*Anthoxanthum odoratum*). 25 lbs. to the acre.

**Tall Fescue** (*Festuca elatior*). 40 lbs. to the acre.

**Tall Meadow Oat Grass** (*Avena elatior*). 6 bus. to the acre (12 lbs. to a bu.).

### CLOVERS

**Medium Red Northern Grown Domestic**. Withstands the severe open winters in New England. Because of its root system and method of stooling, it requires one-third less seed than you would use of a mixture containing ordinary red clover.

**Don't Fail to Inoculate with Nod-o-gen**  
See page 46.

**White or White Dutch** (*Trifolium repens*). If sown alone, 8 to 10 lbs. to the acre.

**Alsike, Swedish Northern Grown Domestic** (*Trifolium hybridum*). If sown alone, 8 to 10 lbs. to the acre.

**Alfalfa, Northern Grown Domestic**. Genuine Grimm. If sown alone, 20 lbs. to the acre. Is acclimated to the rigid winters of the north and is naturally hardy. The unusual root system enables the plant to withstand severe winter weather. Inoculate without fail. See page 46.

**Kentish Wild White Clover**. Its dense creeping habit gives this Clover an importance in pastures over a wide range of soils. 4 to 6 lbs. per acre.

**Ladino**. Large growing type of White Dutch Clover for pastures. 4 to 6 lbs. per acre.

**Sweet Clover, White Blossom**. Will grow on a variety of soils. Cheap soil renovation. 8 to 12 lbs. to acre.

**Crimson** (*Trifolium incarnatum*). An annual with crimson flowers. 12 to 15 lbs. to the acre.

Prices on seed in the lists above fluctuate with the market, and will be quoted on request.

When "Seeding Down" use a Thompson Grass Seed Sower. See page 61.



# Selected Farm Seeds

Prices on seed in the following list fluctuate with the market, and will be quoted on request.

## SPECIAL MIXTURES FOR PERMANENT HAY

- No. 1. For cool, moist soils. Sow 35 lbs. to acre.
- No. 2. For high, dry soils. Sow 40 lbs. to acre.
- No. 3. For wet soils. Sow 35 lbs. to acre.

## SPECIAL MIXTURES FOR PERMANENT PASTURES

- No. 4. For cool, moist soils. Sow 35 lbs. to acre.
- No. 5. For high, dry soils. Sow 40 lbs. to acre.
- No. 6. For wet soils. Sow 35 lbs. to acre.

## BARLEY

**Montana, Two-Rowed.** Head larger than the six-rowed varieties and the grain is larger, plump, extra heavy, in favorable seasons nearly white. Extensively grown for green foliage.

**Common.** Six-rowed; grown for foliage.

## SOJA BEANS

One of the most valuable and important forage and soil-improving crops. When cut together with Corn for the silo, they greatly improve the quality of the feed.

## RYE

**Spring.** Valuable for "catch crop" to sow where winter grain has failed. 1½ bus. per acre.

**Winter Rosen.** Sow from the middle of August to last of September. Sow broadcast, or drill at rate of 1½ bus. per acre.

## DWARF ESSEX RAPE

Rape has a high feeding value for fattening sheep and swine, also a good milk producing food for cows. Sow broadcast, 5 to 6 lbs. to the acre.

## MILLETS

Sow three-fourths to one bushel to the acre.

**Hungarian Grass.** 48 lbs. to the bu. Market price.

**Golden.** 50 lbs. to the bu. Market price.

**Japanese, or Barnyard.** 32 lbs. to the bu. Market price.

## SUDAN GRASS

An annual of quick growth, the first crop being ready to cut in 50 to 70 days after planting, depending upon the length of the seasons and moisture; the second and third crops about 45 to 50 days later.

## JAPANESE BUCKWHEAT

1 bu. to the acre (48 lbs. per bu.).

## CANADA FIELD PEAS

2 bus. to the acre; with oats 1½ bus.

## VETCHES

**Winter, Sand, or Hairy.** No other legume surpasses it as a nitrogen-gatherer or as a cover crop. 30 to 60 lbs. to the acre.

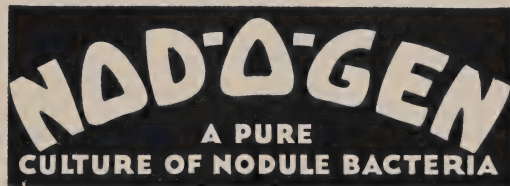
**Spring.** An annual legume valuable as a summer forage when sown early in spring at the rate of 30 lbs. Vetch and 2 bus. grain Barley or Oats per acre.

## WHEAT

**Marquis Spring.** Adapted for New England, maturing about 10 days earlier than others.

**White Winter (Klondyke White).** Bald. A hardy variety; very prolific in this section. 2 bus. to the acre.

# SEED INOCULATION



Nod-O-Gen insures better plant growth above and below ground.



The best inoculation for all legume seeds means better crops, better soils, less fertilizer expense.

Alfalfa, Clovers, Soybeans, Cowpeas, Vetch, Peanuts, all thrive into bumper crops when properly inoculated with Nod-o-gen pure bred cultures.

## WHAT NOD-O-GEN JELLY IS

Nodogen jelly is a pure culture of nitrogen fixing bacteria, selected for maximum vitality and ability to transform nitrogen from the air into soluble nitrates and deposit them in the soil.

Every bottle is dated and guaranteed for one year.

## Prices Are Low

## Special Garden Size for Beans, Peas and Sweet Peas, 10c

### ALFALFA and CLOVERS

#### Small Seed Varieties

1 bu. unit .....\$0.50  
½ bu. unit ..... .30

### SOYBEANS and COWPEAS

5 bu. unit .....\$0.55  
2 bu. unit ..... .30  
1 bu. unit ..... .20

### PEAS and BEANS, ETC.

#### Large Seed Varieties

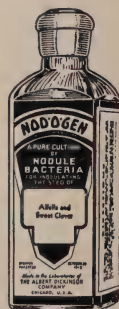
5 bu. unit .....\$1.50  
1 bu. unit ..... .40  
½ bu. unit ..... .25

When ordering, be sure to state what crops you wish to inoculate, also number of bushels you will sow.

## Garden Books

Accurate Information Pleasant Reading  
Good for Gifts to Gardeners

We can supply you with any book in print. Just furnish us with the title and author.



Jelly Medium

## Insecticides and Fungicides



### COMBINATION PACKAGE

A convenient combination package is available, containing a supply of each of the three Hormodin Powders adequate for treating hundreds of cuttings. **75c.**

### LIST PRICES OF HORMODIN

<b>Powder No. 1</b> (enough for treating 3,000 cuttings) .....	<b>\$0.50</b>
1-lb. package Powder No. 1 ..	<b>3.00</b>
<b>Powder No. 2</b> (enough for treating 3,000 cuttings) .....	<b>.75</b>
1-lb. package Powder No. 2 ....	<b>4.50</b>
<b>Powder No. 3</b> (enough for treating 2,000 cuttings) .....	<b>1.00</b>
½-lb. package Powder No. 3 ....	<b>4.50</b>
<b>Combination Package Hormodin Powder</b> .....	<b>.75</b>

## ROOTONE

Reg. U. S. Pat. Off.

For better rooting of cuttings, seeds and bulbs. Just dip cuttings into the powder before planting. To treat seeds and bulbs, just dust with Rootone before planting. ¼-oz. pkg., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00.



*Rootone-Treated Plant*

## TRANSPLANTONE

Reg. U. S. Pat. Off.

The vitamin-hormone plant stimulant. Just mix one teaspoonful to a gallon of water. Then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. 1 oz. makes ten gallons solution. 1-oz. can, 50c; 3-oz. can, \$1.00; 1-lb. can, \$4.00.

## FRUITONE

REG. U. S. PAT. OFF.

Stops pre-harvest drop of apples and fruits. Holds apples on the tree to maturity of size and color. Also can be used to reduce gardenia bud drop. 2-oz. can, \$1.00 (makes 25 gallons spray); 12-oz. can, \$5.00 (makes 150 gallons spray).

# Insecticides and Fungicides

Liquids and Poisonous Powders may be forwarded by Parcel Post. See U. S. Parcel Post Regulations. For a distance of 150 miles from our store add 8 cents per pound and 1.1 cents for each additional pound. See page 65 for Parcel Post Rates.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants.

Ready-filled sets, filled with syrup, 40c. Individual ready-filled feeders, 10c each.

Regular Antrol Cottage Set, with 4 containers and one 4-oz. bottle syrup, **60c.**

Syrup, 4-oz. bottle, 20c; 1-pt. bottle, 50c; 1-gal. can, \$2.75. Extra glass containers, 10c each.

**ANTROL ANT TRAPS.** Kills both sweet and grease-eating ants, contains two kinds of specially prepared material. Each, 10c. Can be used inside or outside the house.

**ANTROL ANT AND ROACH POWDER.** For household use. Produces an immediate effect, and in situations where Antrol cannot be used to advantage. New sizes: 1¾-oz. cans, 10c; 4½-oz. cans, 25c.

For quick, sure permanent relief from ants, roaches, silverfish, rats and mice. Easy to use. Small tube, 35c; large tube, 85c; jumbo tube, \$1.75.



**BLUE STONE** (Sulphate of Copper). Market price.

**BORDEAUX MIXTURE** (Dry). Ready for use by simply adding water. For general use, mix 3 heaping tablespoonsful to one gallon water. One pound makes 5 gallons. **Lb. box, 30c; 4 lbs., 80c; 48 lbs., \$7.00.**

**BORERKIL** (Nicotine Paste). Borekil in paste form that kills boring insects when injected into their burrows. Handy tubes with injector. **70c.**



## ATLACIDE

CALCIUM CHLORATE

**Non-Poisonous KILLS or Spray POISON IVY**

and all other weeds

4-lb. Shaker Can for Dusting only.  
5-lb. tin (kills 300 to 1500 sq. ft. of weeds).

15-lb. drum .....	Market Price
50-lb. drum .....	Market Price
100-lb. drum .....	Market Price
200-lb. drum .....	Market Price



**"BLACK LEAF 40"** (Sulphate of Nicotine). Destroys aphids, thrips, and all soft-bodied sucking insects without injury to foliage, perfectly soluble in water. Directions with each package. One to two teaspoonfuls makes one gallon spray. 1-oz. bottle, 35c; 5-oz. bottle, \$1.05; 1-lb. can, \$2.50; 2-lb. can, \$3.70; 5-lb. can, \$6.90; 10-lb. can, \$11.65; 50 lbs., \$47.40.

**CALOMEL.** Mixture of calomel and corrosive sublimate for the prevention and control of large and small brown patch. Subject to market prices.

**CALOMEL.** Used in the control of maggots on cabbage, cauliflower or other related plants. Mix 1 lb. to 25 lbs. hydrated lime. Market price.

**CORN-BORER-DUSTS.** Gives satisfactory control for dahlias, corn, celery, etc. Market prices.

**COPPER SOLUTION.** Controls fungous diseases, mildew, rust spot, rusts, blights, etc. 1 qt., \$1.50; 1 gal., \$5.00.

**CORROSIVE SUBLIMATE.** Often used in the control of brown patch, earth worms and various root maggots on plants. 1-lb. bottles. Subject to market changes.



# MECHLING'S

NATIONALLY ADVERTISED PRODUCTS

## —2 NON ARSENICAL - SAFE INSECTICIDES—

### PYROTE

A LIQUID SPRAY

### SULROTE

A DUSTING MIXTURE



### PYROTE GARDEN INSECT SPRAY

A highly concentrated liquid combining Rotenone and Pyrethrum with other insecticidal ingredients plus a neutral spreader. Pleasant odor. Simply dilute with water according to directions on each container. Kills both sucking and chewing insects attacking flowers, shrubbery, lawns and vegetables.

1 oz. bottle .....\$0.35    Pint can .....\$ 2.50  
5 oz. bottle .....1.00    Gallon can .....15.00

### SULROTE

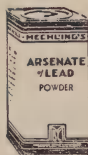
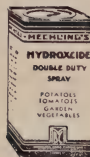
A Rotenone-Sulphur dusting mixture. Contains 0.80% Rotenone. Efficient as an insecticide, fungicide and repellent. Excellent for gladiolus thrips, rose chiggers, flea beetles, cabbage worms; affords protection against mildew and black spot, carnation alternaria, etc. Contains no arsenic or fluorine. 10-oz. push-pull canister operates as a convenient duster.

Push-pull duster .....\$0.50  
1 lb. canister (sifter top) .....45  
5 lb. bags .....1.25

## Ask About Our Many Other Insecticides and Fungicides

### HYDROXIDE

**BORDO-LEAD** (Powder). Kills bugs and prevents blight, rot, mildew and fungus in one operation. Can be used for wet spraying or dry dusting. One pound makes 7 gals., ready to apply, three heaping tablespoons to 1 gal. water. Lb., 40c; 4 lbs., \$1.00; 48 lbs., \$9.00.



**ARSENATE OF LEAD** (Powdered). Directions with each package. Two level tablespoons to 1 gallon water. One pound makes 24 gallons spray. To control Japanese

Beetle Grubs broadcast 12 lbs. per 1000 sq. ft. of lawn or new turf. Lb., 35c; 4 lbs., 90c; 24 lbs., \$3.75.



### SPOR-GO COPPER MILDREW SPRAY

For downy mildew and all fungous diseases controllable by copper. Far superior to ordinary Bordeaux, most economical to use. Compatible with Pyrote.

8 ozs. ....\$0.50    20 ozs. ....\$1.00  
**CUPROCID** (Red Copper Oxide). Most varieties of seeds are safe from "damping off" when coated with Cuprocid. 1 lb., 90c; 5 lbs., \$4.00; 24 lbs., \$12.00.

**CUPROCID** Yellow. For controlling certain diseases of vegetables and ornamentals. 3 lbs., \$1.50.

**STANLEY'S CROW REPELLENT**. Positively will not clog any planter. Small can, enough for one bushel seed corn, 60c; large can, for two bushels, \$1.00; qt. can, \$1.75.



### JAPTOX

JAPTOX has as its base an arsenical poison which insures the control of those beetles which may actually feed on the sprayed foliage.

The silvery white coating which JAPTOX imparts to the foliage acts as an excellent repellent for the adult beetle.

Use JAPTOX at the rate of 8 pounds to 100 gallons of water, or 6½ level tablespoons to 1 gallon. Lb., 50c.

**CYANOGAS**. The new, efficient inexpensive chemical insecticide.

**Cyanogas "G" Fumigant**. Is the standard greenhouse and mushroom house fumigant.

**Cyanogas "A" Dust**. Is universally used to kill ants, rats, moles, woodchucks, and other burrowing rodents. Leaflets with detailed directions furnished upon request. "G" Fumigant, 5 lbs., \$3.00. "A" Dust, ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.



**ANT KILLER—CYANOGAS**. "Simply enlarge entrance of nest with pointed stick or long shank screw driver. Adjust spout—allow small amount of Cyanogas to flow into the hole. The queen and worker ants are killed in a few minutes." Can, 30c.

**DOG SKAT**. Tube releases vapor offensive to animals, but not noticeable to humans. One large tube lasts a year. Large tube, 25c. Small, 15c each.

### DOG-SKAT

KEEPS DOGS AWAY



**DRY LIME-SULPHUR**. Not a substitute for lime-sulphur solution, but reduced to the dry form by a special process. To use, add water. Economical and convenient. Mix 3 heaping tablespoons to 1 gal. water. 1 lb. makes 5 gals. Lb., 35c; 5 lbs., \$1.35; 25 lbs., \$3.25.



**D. X. A new Pyrethrum Contact Spray**. Non-poisonous and safe on tender foliage. Mixes easily with Arsenate of Lead, Sulfoic acid and Lime-Sulphur. Average dilution 3 teaspoonsful per gallon. 1½-oz. bottle, 35c; ½ pt., \$1.25; 1 pt., \$2.25; 1 qt., \$3.50; 1 gal., \$9.50; 5 gals., \$39.75.



CADWELL & JONES, Inc.



## SEMESAN SEMESAN JR. SEMESAN BEL

**The Premier Seed Disinfectants  
Prices for Du Pont Semesan**

2 ozs. ....	\$ 0.40
1 lb. ....	2.50
5 lbs. ....	11.40
25 lbs. ....	\$2.50

Semesan Jr.	Semesan Bel
4 ozs. .... \$0.35	2 ozs. .... \$0.30
1 lb. .... .75	1 lb. .... 1.65
5 lbs. .... 3.00	5 lbs. .... 7.15

Ask for Free Booklet Telling All the Facts.



## NU-GREEN

**For the successful prevention and control of Brown Patch.**

Beginning prior to the brown patch season, apply a solution of 1 lb. Nu-Green to 50 gals. of water. Use at the rate of 50 gals. of Nu-Green solution to 1000 square feet of turf, including the approaches and borders.

1-lb. tin .....	\$ 1.60
5-lb. tin .....	6.85
25-lb. pail .....	\$1.25

## SPECIAL SEMESAN

**A Grass Disinfectant for Brown Patch**

5-lb. can .....	\$ 7.80
25-lb. pail .....	36.00
100-lb. drum .....	\$135.00

**FORMACIDE.** Stabilized Formaldehyde Dust. Triple strength seed and soil DISINFECTANT used as a control of damping-off. ½ lb., 50c; 1 lb., 85c; 5 lbs., \$2.50; 25 lbs., \$10.00; 50 lbs., \$17.50.



Conquers mildew and black spot on Roses and diseases of other plants. Assures luxuriant foliage and bloom. Mix 4 tablespoonsful to 1 gal. water; 1 tablespoonful to 1 qt. water. ½ pt., 75c; pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.

**LEMON OIL INSECTICIDE.** It effectually destroys mealy bug, scale, thrip, and red spider. Mix 4 tablespoonsful to 1 qt. water. ½ pt. makes 1 gal. spray for most plants. Pt., 60c; qt., \$1.00; gal., \$3.00.

**LETHANE SPREADER.** A new agent for increasing the spreading power of insecticides, especially Cuprocide. Qt., 75c; gal., \$1.80; 5 gals., \$9.50.

**MEO—181.** See page 50.

**MOLOGEN—Mole Killer.** Eliminates moles within two or three days. Non-poisonous to humans and pets. ½-lb. can, 50c; 1½-lb. can, \$1.25; 5-lb. can, \$4.00.

**MOLE-NOTS.** Protects lawns, gardens, flower beds, golf courses, etc. from the ravages of moles. Trial size, 35c; Estate size, \$1.00.

## PASTEUR LABORATORIES



**PASTOXINE**

**Non-Poisonous Concentrated**

KILLS  
RATS  
AND  
MICE

Price,  
60c.

## MOUSE AND RAT EXTERMINATORS

K.R.O. Ready-Mixed Bait .....	\$1.00
Mouse Seed .....	.25
Rat-Nots .....	.25

**NAPHTHALENE FLAKES.** The flakes are scattered amongst Gladioli corms to control thrips. 1-lb. pkg., 25c.

## "NICO-FUME" PRODUCTS Liquid—Paper—Powder FOR GREENHOUSES

Power Pressure Fumigator (New). ½-lb. cans, 45c each; \$4.45 per doz. 1-lb. cans, 75c each; 6 for \$3.75; 12 for \$7.40.

**NICO-FUME LIQUID.** A highly refined solution of free nicotine, which is used both as a spray and for vaporizing. Complete directions on every tin. Use 1 to 2 teaspoonfuls to each gal. of water for general use. Lb., \$2.40; 4 lbs., \$6.55; 8 lbs., \$11.25.

**PARA-DICHLORO-BENZINE.** For peach tree borers. Generates a gas which kills borers when placed around base of trees. Lb., 60c.

**PARIS GREEN.** A poison universally known and extensively used. Very liable to burn the leaves and foliage and should be used with great care. Poison bait for cutworms: 1 lb. Paris Green, 50 lbs. bran middlings, 2 qts. cheap molasses, 20 qts. water, mix thoroughly. Mix for ordinary spraying, level teaspoonful to 1 gal. water. Market price.

**POMO-GREEN (With Nicotine).** The Leaf-Green all-in-one dust or spray. ¼ lb. makes one gallon liquid spray.



## Pomo-Green

The Leaf-Green Kolodust used for the control of

many diseases and external chewing insects on flowering plants and shrubs. 1-lb. can, 75c; 5-lb. can, \$3.00.

## NON-POISONOUS RED ARROW GARDEN SPRAY PYRETHRUM-ROTENONE

Non-poisonous to child or pet. Will not burn or stain the most delicate leaf or flower. Endorsed by entomologists of agricultural experiment stations. 1-oz. bottle (making 4 to 8 gals.), 35c; 4 ozs., \$1.00; 1-pt. tins (making 70 to 90 gals.), \$2.85; 1-qt. tins (making 140 to 180 gals.), \$5.40; gal., \$10.70.

**RED COPPER OXIDE.** (See Cuprocide, page 48.)

**ROTENONE-STABILIZED DUST—Market Price.** See Pyrote, Red Arrow, Slug Shot, Sulrote.

**ROTENONE .75%.** 1 lb., 30c; 5 lbs., \$1.00. **ROTENONE 4%.** 6 ozs., 50c; 4 lbs., \$2.00.

**SCALECIDE (Dormant Spray).** Sure death to the San Jose scale. A soluble petroleum spray for use in orchards. It is economical, effective and acts as a fungicide. Mix 4 tablespoonsful to 1 qt. water. 1 gal. makes 16 gals. Qt., 75c; gal., \$1.75; 5 gals., \$6.35; 10 gals., \$10.90; 15 gals., \$14.95; 30 gals., \$23.75; 55 gals., \$35.80.

**SLUG SHOT DUST.** The safe, non-poisonous, dust insecticide. Kills chewing insects and controls fungus. Harmless to humans, plants and vegetables. Kills Mexican bean beetle, cabbage worm, beetles, potato bugs, green flies, slugs, etc. 5 lbs., \$1.00.



## Snarol

*The National Pest Control*

An unusual combination of materials carefully selected to insure effectiveness wherever cutworms, earwigs, grasshoppers, snails, slugs or sowbugs give trouble. Depend upon it in any weather—rainy, wet or dry. Apply it without fear of injury whatever to any flower, plant, or shrub. 1 lb., 25c; 2½ lbs., 50c; 6 lbs., \$1.00; 10 lbs., \$1.50; 50 lbs., \$5.50.





Can, 25c



Gal., \$1.30



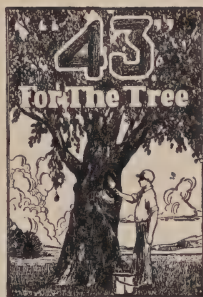
Qt., 30c

**SOAP, RED A.** Is the most advanced spray soap on the market. It is the result of intensive state and government research. Red A is in liquid form and immediately emulsifies when mixed with water. No waiting—no boiling—no weighing—no clogging of spray nozzles with Red A. 3 ozs., 25c; pt., 60c; qt., \$1.00; gal. \$2.25.



**SPRAY CATALYZER.** A spreader and sticker, for mixing with Arsenate of Lead, Lime-Sulphur and Sulfofide. Use 2 lbs. to 100 gallons or a rounded teaspoonful to the gallon. 2-lb. pkg., 55c; 48 lbs., \$11.50.

**SULFOFIDE.** An efficient summer spray for the control of scab and black rot on fruit trees. Excellent for mildew on Roses and for similar fungus troubles. Use one tablespoonful to 3 qts. of water, dilute 1 gal. to 200 gals. of water. Pt., 60c; qt., \$1.00; gal., \$2.50.



**SULPHUR DUST.** (Powdered.) Used extensively against mildew and various blights. Lb., 10c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$6.00.

**USE 43**  
Protects wounds.  
Kills insects and germs.  
Prevents rot and decay.  
Waterproof.  
Sticks to surface.  
Remains plastic.  
Will not crack, crumble or shrink.

	Each
1-pt. cans .....	\$0.40
1-qt. cans .....	.75
1/2-gal. cans .....	1.35
1-gal. cans .....	2.50

**TARTAR EMETIC.** For treating Gladiolus bulbs to destroy thrips. Market price.

**TREE TANGLEFOOT.** No insect of the climbing or creeping type can cross Tree Tanglefoot bands. One banding lasts three or four months. 6 ozs., 40c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00.



**TOBACCO DUST.** This product is very fine, and analyzes high in nicotine. Applied when the vegetation is wet with dew, it is an effective and cheap remedy for lice, bugs, worms, and similar pests on rose bushes, shrubs, melons, squash, cucumber, cabbage, etc. Lb., 10c; 5 lbs., 45c; 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.50.

## TRI-GEN Combined Spray Treatment

**Fungicide—Insecticide—Plant Stimulant**  
**Complete Protection against Plant Insects and Diseases**

- A. Small Kit (makes 16 quarts) ..... \$1.50  
Protects 12 to 20 roses for season.
- B. Medium Kit (makes 64 quarts) ..... 4.00  
Protects 50 to 80 roses for season.
- C. Large Kit (makes 32 gallons) ..... 6.00  
Protects 100 to 160 roses for season.
- D. Estate Kit (makes 128 gallons) ..... 20.00  
Protects 400 to 600 roses for season.

**VERMO-SPRAY.** Liquid exterminator of all species of insects, forms a gas which kills flies, roaches, moths, fleas and ants, hornets, etc. Guaranteed 100 per cent effective if used according to instructions. Qt., 85c; gal., \$2.25. Prices on application for large quantities.



**VOLCK.** The most powerful non-poisonous insecticide known; however, the fact that it is also one of the safest is of equal importance for pest control in house and garden. Mix 2 1/2 level teaspoonfuls to 1 qt. of water, 3 level tablespoonfuls for 1 gal. spray 1/2 pt. makes 5 gals. 1/2 pt., 35c; qt., 80c; gal., \$2.25.

## “HERBICIDE” THE WEED EXTERMINATOR



**WEED EXTERMINATOR.** A liquid preparation for killing weeds in tennis courts, roadways, paths, etc. Dilute 40 to 50 parts water; each gallon should cover 2 to 3 sq. yds. Qt. cans, 75c; gal., \$2.00; 5 gals., \$7.50.

**WEED KILLER, Adco.** A Weed Killer for Lawns. A powder that eradicates weeds and at the same time stimulates the grass to a richer growth. One pound is enough for 100 sq. ft. Descriptive circular on request. 3-lb. can, 85c; 25-lb. bag, \$3.75.

**WEED KILLER, Meo-181.** Kills dandelions and crab grass in lawns without destroying the good grass. Gal., \$1.55.

**WILSON'S O. K. PLANT SPRAY.** For roses, chrysanthemums, evergreens and all plants affected with scale or insects under glass or outside. Mix 3 tablespoonfuls to 1 qt. water; 1 gal. makes 10 to 15 gals. 1/2 pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

## WHY BUGS LEAVE HOME



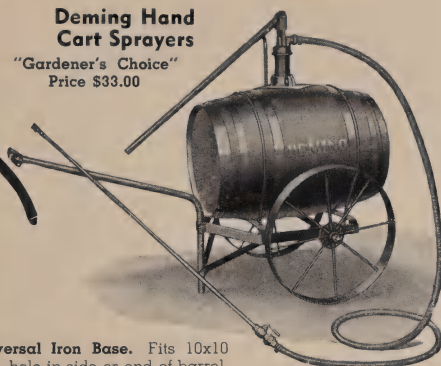
# DEMING SPRAY PUMPS

The "Century"  
Barrel Sprayer



Deming Hand  
Cart Sprayers

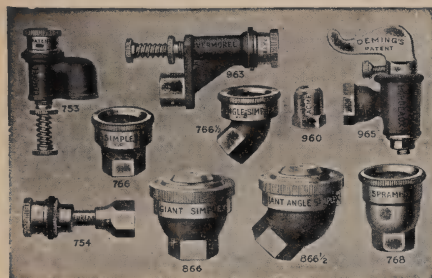
"Gardener's Choice"  
Price \$33.00



**Universal Iron Base.** Fits 10x10 in. hole in side or end of barrel. Filling hole in base admits liquid. 2½-in. iron cylinder, 4 in. stroke. Large air-chamber. Shipping weight, 75 lbs.

- Pump only ..... \$18.65  
 Outfit "A". Including one 12½-ft. section of ½-in. hose and Simplex nozzle ..... 22.00  
 Outfit "B". Including two 12½-ft. sections of ½-in. hose and two Simplex nozzles ..... 28.00

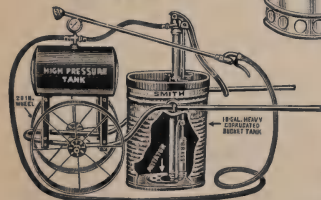
## Spray Nozzles All Styles



## Smith Duster



Hand Duster with Glass  
Container.  
Price \$1.40.



**Powder Duster**  
Price \$1.90

## Wheelbarrow Sprayer

With two steel wheels. Can furnish  
Ballon Tires if desired.



The "Perfect Success"  
Bucket Spray Pump

Price \$8.25

## GARDEN KING Compressed Air Sprayer

Price  
\$12.00



## Proportioner Price \$29.50

The latest device  
for treating greens,  
fine lawns for  
brown patch,  
worms, grubs and  
insects of all kinds.  
Also for applying  
soluble fertilizers  
and weed killers,  
etc.



## Insect-O-Gun \$4.95 Complete

By simply using  
the water pressure  
in a garden hose  
you can now effec-  
tively spray your  
flowers, shrubs, and  
trees with the same  
efficient results se-  
cured by power-  
spraying methods.



**Dust-King**  
Price \$13.00



# THE FINEST IN SPRAYERS AND SPRINKLERS

## Smith Banner

### Open Top Compressed Air Sprayer



For applying all insecticides, fungicides, disinfectants, cattle-fly oil, white-wash and cold water paint.

**THE BANNER SPRAYER** is recognized as one of the best on the market. The tank is made of extra heavy gauge metal, weighing considerably more than any similar tank, which makes the tank more durable for long, hard service. A heavy, rigid, strong funnel is strongly built in top of tank. Tank has embossed graduated marks for measuring liquids, is corrugated and well riveted to stand hard usage and heavy pressure. We highly recommend the Copper Tank sprayer. Unconditionally guaranteed. (Capacity four gallons.)

**Open Top with Solid Copper Tank.**  
13 lbs. .... \$11.75

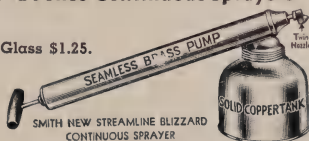
**Open Top with Galvanized Tank.**  
12½ lbs. .... \$7.50



**"Our Special" Sprayer**  
Price, tin, 35c.

## Cadwell and Jones Continuous Sprayers

Copper \$2.75; Glass \$1.25.



### TWO SPRAY CAPS

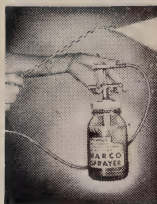
One straight, the other at an angle for reaching under leaves or spraying directly down.

Will handle all solutions, insecticides and disinfectants used in greenhouse, kitchen garden, window garden, for rose bushes and in the poultry house.



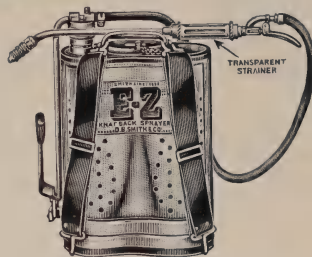
## REVERE WATERING CANS

Solid copper; brass handles. Capacity 2-qt. \$2.75.



## HARCO SPRAYER

Efficient—easy to use. Penetrates hard-to-reach places. Only professional-type Sprayer priced so low.



**EZ—KNAPSACK SPRAYER**  
5 Gal. Capacity

Air-conditioned tank, in both Copper and Galvanized; continuous Sprayer, develops 100 pounds pressure; complete equipment.



## Watering Pots



**Japanese Beetle Traps**  
Complete Outfit

### Hose Menders

### Hose Couplings

### Hose Washers

### Hose Clamps

## Baskets

For holding leaves and other garden work, etc. 55c up.

## Model G Rain King Lawn Sprinkler



Price, \$4.50.



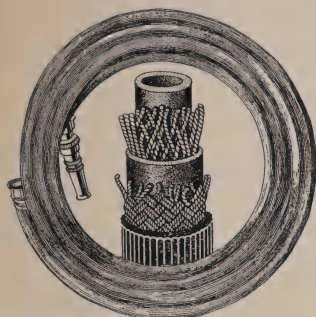
3 ft., 1200 sq ft.; 6 ft., 1800 sq. ft.;  
10 ft., 2500 sq. ft.

## Rubber Plant Spray

For sprinkling plants, flowers, clothes, etc. easy to fill. One turn of cap removes same. Angleneck, and straight neck, \$1.25; Small, 55c.



# HORTICULTURAL SUNDRIES



**Cadwell & Jones Sterling**  
Special Cord Hose

A moulded hose made of the best materials. We offer this Hose in 25- and 50-ft. lengths, coupled. This Hose is guaranteed to give satisfaction.



**Heavy Lawn and Garden Wickets**



**Dibbles**

Steel point, wooden handle.



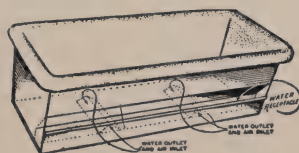
Price 85c

**Tested Thermometers**



**All-Steel Weeder**

With short and long handles. 25c and 35c



**Window Flower Box**

**Twig Lawn Broom**

Price 75c



**E-Weeder**



**5-Prong**



**Hand Weeder**

**Garden Trowels**



Extra forged steel. Solid steel blade and shank.



Price 50c



**Scythe-Stones**



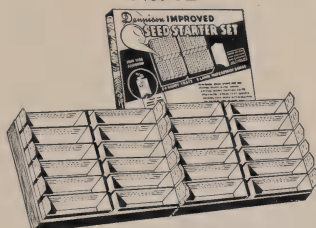
**Planet Jr.-Transplanting Bulb Trowel**

Price, 65c.



Grass Hook 40c up

**Dennison Seed Starter Sets No. 12**



**The Handy Indoor Seed Starter Set**

Water-proof boxes. Full detailed cultural directions included. Price 50c.

**Hose Nozzles**

Made of heavy brass. Can be adjusted to throw a coarse or a fine stream, also shuts off absolutely tight.

Price, 85c up.



**Garden Lines Braided**

Will not kink. 100 feet.

**Fruit Picker**



**Hotbed Mats**

76x76 inch, covers two sash. Made of heavy cotton or duck filled and quilted.

**Dandelion and Weed Cane**



**"KNEEZIES"**



# ENJOY THESE MODERN LAWN MOWERS

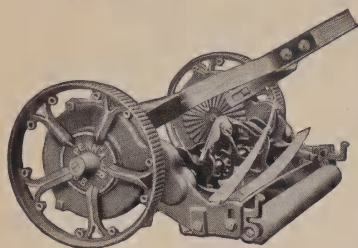
## PENNSYLVANIA JUNIOR BALL BEARING

### Perfection in Lawn Mower Construction

Five blades of crucible tool steel, oil-hardened and water-tempered. Lower knife, raised edge pattern, is made of the same steel, and is of such construction as to make it self-sharpening until entirely worn out.

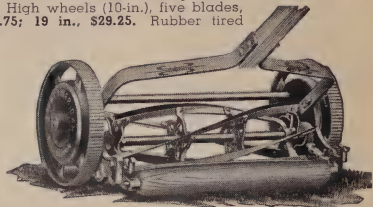
**Braun.** Self-aligning ball bearing, spring-covered oil cups.

Double train of cut gears, one on each side, insuring smooth work on the uneven lawn. High wheels (10 in.), five blades, 6 in. cylinder. 17 in., \$26.75; 19 in., \$29.25. Rubber tired extra.



## Great American Lawn Mower

It is the best all-around Mower of its type made. Ball bearings make easy running, and self-sharpening tool steel blades mean that your Great American is always in perfect condition. You will rejoice in its uninterrupted service. 17 in., \$20.50; 19 in., \$21.95.

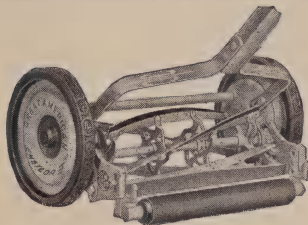


## GREAT AMERICAN METEOR

### Aluminum Built—Ball Bearing

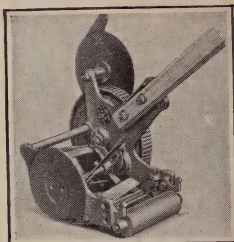
Rubber tires and roller insure quiet action, even when transporting over concrete walks.

16-inch ..... \$21.50  
19-inch ..... 23.95



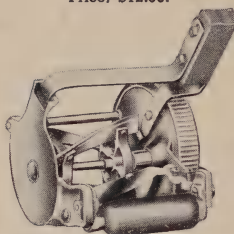
## Pennsylvania Trimmer and Edger

Lawn accessory that saves time and labor.  
Price, \$12.00.



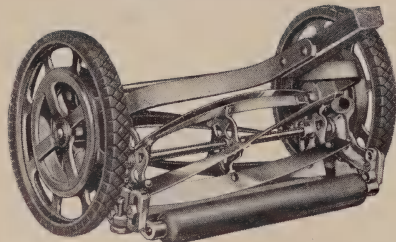
## Universal Lawn Trimmer

Time saved will pay its cost in one season. Self-adjusting, ball-bearing. Self-sharpening wiper blades, cutting to one-eighth of an inch of end of trimmer. Sold on its merits. Satisfaction guaranteed. Price, \$6.75.



## Blair Onward

Ten-inch wheels, semi-pneumatic tires, unbreakable pressed steel sides. Positive clutch, instantaneous pick-up, quiet operation. Prices: 16 in., \$15.75; 18 in., \$16.90.



## Blair Special

Ten-Inch Wheels.

Solid Rubber Tires in Wheel Groove  
Five Drawcut Blades.

Automatically Adjusted Ball Bearings.  
Prices: 16 in., \$8.75; 18 in., \$9.50.

## Pilgrim

Eleven-inch wheels. Semi-pneumatic rubber tires. Rubber covered tie rod. Rubber roller equipped with automatically adjusted ball bearings. Five drawcut blades. Double riveted end and two center spiders. Lipped edge stationary knife.

Prices: 16 in., \$13.75;  
18 in., \$14.75.

**MOWER  
SHARPENER**  
Price 65c



Reverse side of sharpener showing the adapters affixed.

**CADWELL & JONES, Inc.**

# MODERN LAWN ACCESSORIES



**Electrimmer**



## Electrimmer

### A Real Tool For a Real Job!

Built to give enduring service. Has  $\frac{1}{4}$  H.P. universal motor with die-cast aluminum housing and handy thumb-operated toggle switch. Special alloy gears. Cutter blade, 12 in. long, is made of finest crucible steel. 6 feet of best rubber covered cord. Other accessories are listed as follows:

Extension handle, 4 ft. long...  
Extra 50 ft. of No. 18 cord with connectors .....  
Extra 100 ft. of No. 18 cord with connectors .....  
Extra 200 ft. of No. 16 cord with connectors .....



## Vyn-Tach Hooks

Attach climbing roses and other vines easily to masonry and wooden surfaces.

Box containing 25 Hooks, 25 Dryvins, Drill Point and Holder. **Price \$2.00.**

Box containing 25 Hooks, 25 Dryvins. **Price \$1.30.**

Write for prices on large quantities.



Forest Pruning

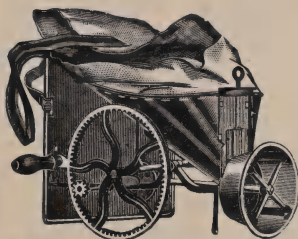
## Porter Point-Cut Pruner

Cuts closer, easier and cleaner than any other pruner made. Patented features. **Price, \$5.20 each.**

**No. 1 FORESTER**  
Cuts closer, easier and cleaner than any other pruner made. Patented features. **Price, \$5.00 each.**

**No. 2 FORESTER**  
27 in. long; capacity, 1 1/2 in.; weight, 4 lbs. 10 oz. **Price, \$6.00 each.**

**No. 3 FORESTER**  
34 in. long; capacity, 2 in.; weight, 7 lbs. 4 oz. **Price, \$7.00 each.**



**Cahoon's Broadcast Seed Sower**

**Price, \$5.25**



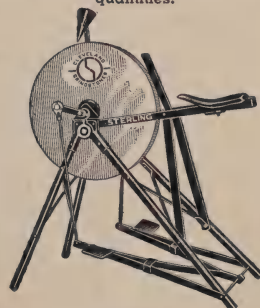
## Spike Disc

Lawn and green cultivators. No. 30, width 18 in. **Price, \$30.00.** Other models \$16.50 up.



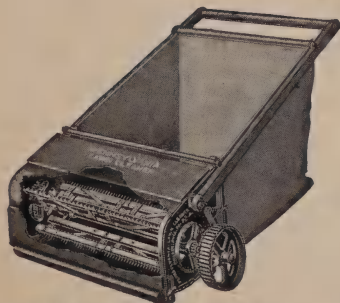
**Wayward Vine Guide and Support**

For training and supporting ivy and all other vines on brick, stucco, stone and cement walls without defacing. No nails—no holes. **Box of 25, \$1.00.**



**Grindstones-Jewel**

Sturdy  
Tubular  
Steel  
Frame  
Fully  
Equipped.  
**\$12.00**



**LAWN CLEANER AND SWEEPER.** Easy to operate and one man can do more and better work than four men with hand rakes.

**Grass-Catchers**  
To Fit All Makes of Mowers  
**Price, \$1.25 upwards**





# BALL-BEARING WATER-BALLAST LAWN ROLLERS

By filling its hollow drum with water (use hose or bucket and funnel), you can adjust the roller **any weight** desired.

NET PRICES			Weight	Weight filled	Ball	Plain
	Track	Diameter	empty	with water	Bearing	Bearing
1 Section.....	24 inches.....	18 inches.....	75 lbs.....	330 lbs.....	\$13.25	\$11.35
1 Section.....	24 inches.....	24 inches.....	100 lbs.....	440 lbs.....	16.80	15.30
Ball Bearing Cast Rollers						
2 Sections.....	24 inches.....	20 inches.....	300 lbs.....			
3 Sections.....	30 inches.....	20 inches.....	350 lbs.....			



## The Perfect Garden Label

Mark with ordinary lead pencil.

Permanently legible without protection in all weathers, all soils, all seasons. Ample horizontal marking space. Attractive shape. Beautiful gray-green color blending with the garden. Reliable for fall planting. Will not float away in spring thaw.

	Border Size	Garden Size	Show Garden Size	Rock Garden Size
12 Labels.....	\$1.00	\$1.25	\$0.90	\$0.90
25 Labels.....	2.00	2.50	1.75	1.75
100 Labels.....	7.75	9.50	6.75	6.75
1000 Labels.....	75.00	90.00	65.00	65.00

500 Labels at the 1000 price.

## TIE-ON LABEL

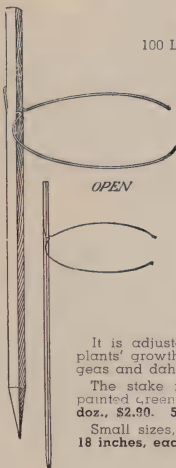
100 Labels ..... \$3.00

## POT LABEL

100 Labels ..... \$2.50



**Weatherproof  
Lead Pencils,  
Black  
10c each**



Soft, pliable, durable, specially adapted for general home use. Housework, garden, car, garage, furnace. Soft as kid, tough as iron. Ladies' men's.

Price, 75c pair.

Kreme Skin. Pair ..... \$1.00

## "Adjusto" Plant Support

It is adjusted in a "jiffy" to any height to conform to the plants' growth. It is indispensable for tomatoes, roses, hydrangeas and dahlias.

The stake is made of hard wood and heavy spring wire painted green. 3 feet, ea-h. 25c; doz., \$2.55. 4 feet, ea-h. 30c; doz., \$2.90. 5 feet, each, 35c; doz., \$3.25.

Small sizes, suitable for small, potted plants, carnations, etc. 18 inches, each, 12c; doz., \$1.10. 24 inches, each, 15c; doz., \$1.35.

## Wood Pot Labels Painted

	Per 1000	Per 1000
3 1/2-in. Copper wired tree ..... 40c per 100 .....	\$2.75	\$2.50
4-in. ....	2.30	2.75
4 1/2-in. ....	2.40	2.75
5-in. ....		2.75
6-in. ....		2.75
8-in. ....	80c per 100	
12-in. ....	\$1.25 per 100	



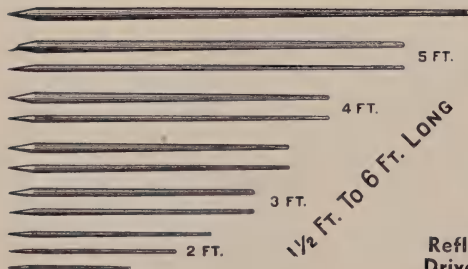
## "TWIST-EMS"

The new handy plant tie for garden and household use. Box of 250—4 in., 25c. Box of 125—8 in., 25c. Ask for prices and particulars on thousands of lots and upwards.

Price  
75c



**Out-U-Come  
Weeder**

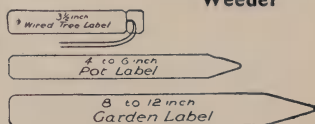


HANDY WIRE STAKES—2 ft., 3 ft., 4 ft.  
PATENTED RING-HOLDER

PEA BRUSH, 4 to 6 ft.

## Reflecto Driveway Markers

Jeweled Reflecto Buttons. 50c each; \$5.50 per doz.



## Wooden Plant Stakes Painted Green

Light, Round, Tapering	Doz.	100
2 feet .....	\$0.45	\$ 2.90
3 feet .....	.85	5.50
4 feet .....	1.25	8.00
5 feet .....	1.60	10.75

## Heavy, Round, Tapering

4 feet .....	1.70	11.50
5 feet .....	2.20	14.75
6 feet .....	2.70	18.00

# HUSKY TRUE TEMPER GARDEN TOOLS

## for lifetime service

MCGUIRE'S  
YAMADE  
No. 1

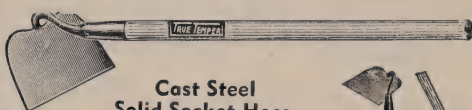


### Metal-Back Bamboo Broom Rake

Strong, durable, and light, metal back, easily handled by the ladies.

18 in. ....\$0.75  
24 in. .... 1.25  
30 in. .... 1.75

"Metal-Grip" places every tooth on the ground when held at normal angle.  
"Spiral" links teeth together without restricting flexibility.



### Cast Steel

#### Solid Socket Hoes

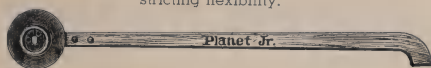
Field Hoes, 7½- and 8-in.  
Meadow Hoes, 8x3¾ in.  
Meadow Hoes, 9x3¾ in.  
Tobacco Hoes, 9x2¾ in.  
Tobacco Hoes, 10x2½ in.  
Tobacco Hoes, 11x2½ in.

Ladies' Hoes, 5 in., full polished, ash handles.

Square Top Onion, 7x1¼ in., ash handles.

### Planet, Jr. Turf Edger

Price \$1.40



Lawncombe  
18-inch ...\$1.40  
24-inch ... 1.75

### Panther Garden Rakes

12-tooth ...\$0.70  
14-tooth ... .75  
16-tooth ... .85

### True Temper Steel Garden Rakes

Black  
12-tooth ...\$1.25  
14-tooth ... 1.35  
16-tooth ... 1.50  
18-tooth ... 1.60

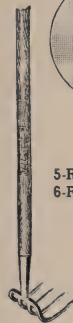
### Socket Turf Edger (Solid Steel Blade and Shank)

Long handle .....\$1.35  
D handle ..... 1.35



### Potato Hooks

5-Round-Prong Potato Hooks, solid steel shanks .....\$1.70  
6-Round-Prong Potato Hooks, solid steel shanks ..... 1.95



Rakes  
Wood—Lawn—  
Hay  
Gumfinger  
Rubber Tooth

SPADING FORKS  
ALL STYLES



### DANDELION RAKE Price \$1.25



### Steel Gravel Rakes

This rake is finer and has shorter teeth than the garden rakes.

16-tooth .....\$1.90  
18-tooth ..... 2.00

### True Temper Steel Garden Sets

Especially adapted for ladies' and boys' use. Quality and finish same as full-sized tools. Comprising Steel Spading Shovel, Boy's Steel Spading Fork, Light Steel Hoe and six-toothed Rake. Price, \$4.00 per set.



### Norcross Cultivator-Hoe and Weeder

5-prong Cultivator-Hoe, 4-ft. handle, weight, 3 lbs. ....\$1.40

3-prong Cultivator Hoe,  
4-ft. handle, wt., 2 lbs. \$1.10

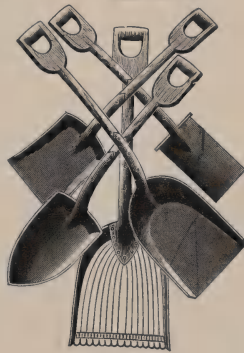
3-prong "Midget," 9-in.  
handle, wt., 12 ozs. . . .65

Midget Weeder, by par-  
cel post .....75



### Steel Goods

Our department in this line embraces a larger variety than shown in this catalog and you can depend on quality as well as reasonable prices. We invite your inquiries.





# BORDER, LAWN and HEDGE SHEARS



Hedge Shears



Border Shears

6-in. Hedge Shears .....	\$1.80
8-in. Hedge Shears .....	\$1.50 to 2.50
9-in. Hedge Shears .....	2.00 to 3.75
10-in. Hedge Shears .....	2.25 to 4.00

9-in. Border Shears, with wheel .....	4.75
10-in. Border Shears, with wheel .....	5.00
9-in. Border Shears, without wheel .....	4.50
10-in. Border Shears, without wheel .....	4.75
9-in. Lawn Shears, with wheel .....	4.75
9-in. Lawn Shears, without wheel .....	4.50

## Pruning Shears

California pattern, coil spring, 9-in. 75c up.  
French, solid steel (imported), 7-in., 8-in., 9-in. \$2.00 up.  
Wiss, solid steel, 9 in. \$2.75.

Full Nickered Rose Pruning Shears, \$2.00



Grass Shears \$1.25 Upwards



USED AS TAMPER

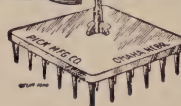
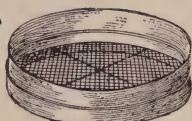
## Kneelevator

A light, portable kneeling platform, with sponge rubber surface. Size 15, 10x13 in. \$2.50.



## Soil Sieves

Strong oak frames. Galvanized wire with 2 heavy supporting wires. Price \$1.50.



## Garden Club Rose and Flower Shears



AS CUT FROM BUSH

Will cut and hold any garden flower. Price \$1.50

## Pole Tree Pruners

6-ft. \$2.20	8-ft. \$2.30	10-ft. \$2.50
12-ft. \$2.75	14-ft. \$3.30	
4-ft. Trimmers, \$1.25		

## Doo-Clip

Grass Shears \$1.50



## Twine for Tying

Soft Jute and Green Cotton Heavy Wool, White Cotton

## Raffia

Natural and Green For tying.

## Graftex

An Ever-Plastic Grafting and Dressing Compound. 1/2-lb. cans, 50c.

## Asparagus Knife and Weed Digger

Drop-forged blade, birch handle. Each 35c



## Long Handle Doo-Clip Grass Shears, \$2.50



LONG-HANDLED WEEDER, \$1.50



Olmstead Mole Trap, \$2.00

## Cleveland Weed and Dandelion Puller



# Planet Jr. Garden Tools

**CULTIVATE YOUR GARDEN THE SIMPLE, EASY WAY**

The new "Planet Jr." catalog is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

## No. 4 Combined Hill and Drill Seeder Wheel Hoe, Cultivator and Plow

Price, complete, \$21.00. As a seeder only, \$16.75.

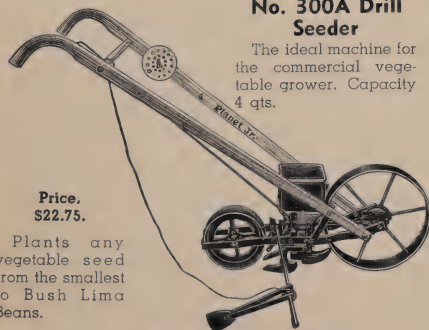
Plants in hills, 4, 6, 8, 12 or 24 inches apart. For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt.



## No. 25 Combined Hill and Drill Seeder Double-Wheel Hoe, Cultivator and Plow

Holds 2 1/2 quarts of seed. Steel frame.

The simplicity of this tool, both as a seeder and as a wheel hoe, makes the combination thoroughly practical. Two acres a day can easily be worked with this implement and when it is done it will be a better job than several men could have done in the same time with hand hoes.



Price,  
\$22.75.

Plants any vegetable seed from the smallest to Bush Lima Beans.

## No. 11 Double-Wheel Hoe, Cultivator, Plow and Rake

All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high-carbon steel, oil-tempered, finely formed, finished and polished and work to a charm.



Price, \$16.50.

## No. 12 Double-Wheel Hoe, Cultivator and Plow

Price, \$12.95.

This tool is identical with No. 11 wheel hoe, except that it has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters only, and is sold at a correspondingly less price.

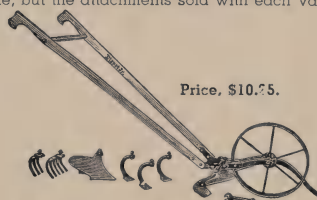
## No. 13 Double-Wheel Hoe

Price, \$9.95.

This tool is the No. 12 with 6-inch hoes only.

## No. 16, Single-Wheel Hoe, Cultivator, Rake and Plow

In Nos. 16, 17 and 18 the wheels, frames and handles are alike, but the attachments sold with each vary.



Price, \$10.75.

## No. 17, Single-Wheel Hoe

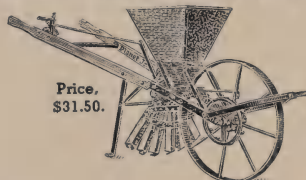
Price, \$8.95.

Has a pair of 6-inch hoes, a plow and a set of cultivator teeth—an outfit sufficient for most garden work.

## No. 18, Single-Wheel Hoe

Has one pair of 6-inch hoes only. Price, \$6.95.

## Planet Jr. Fertilizer Distributor No. 220



Price,  
\$31.50.

Saves time and labor. Capacity, 1 bushel.



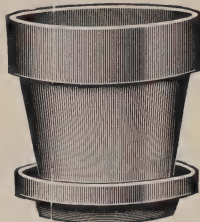
# Germaco Hotkaps

1000 lots, \$11.00; 5000 lots, \$10.75 per 1000; 10,000 lots, \$10.50 per 1000; 250 trial package, including garden setter with tamping, \$4.25; 100 home package, including garden setter with tamping, \$2.85; 25 Germaco Hotkaps and Paper Setter, 50c; Germaco Hotkap steel setter with tamping, \$1.69; postage extra.

## CLAY POTS AND SAUCERS

## STANDARD FLOWER POTS, EARTHEN

Height and diameter are the same.



Dia. in in.	Each	Doz.	Per 100	Dia. in in.	Each	Doz.	Per 100
2 1/2	\$0.05	\$0.35	\$1.65	7	\$0.20	\$2.00	\$13.50
3	.06	.40	2.15	8	.30	2.75	19.50
4	.07	.50	3.30	9	.40	4.00	30.00
5	.10	.85	5.95	10	.55	5.50	40.50
6	.15	1.25	8.25	12	1.00	11.00	82.50

## SAUCERS, EARTHEN

Dia. in in.	Each	Doz.	Per 100	Dia. in in.	Each	Doz.	Per 100
3	\$0.05	\$0.30	\$2.00	7	\$0.10	\$1.00	\$ 7.00
4	.05	.40	2.35	8	.15	1.25	9.75
5	.05	.50	3.25	9	.20	1.80	12.50
6	.08	.70	4.75	10	.25	2.50	20.00
				12	.40	4.00	30.00

## ROUND SEED OR BULB PANS, EARTHEN

Dia. in in.	Each	Doz.	Per 100	Dia. in in.	Each	Doz.	Per 100
6	\$0.15	\$1.25	\$ 8.25	10	\$0.55	\$5.50	\$40.50
8	.30	2.75	19.50	12	1.00	11.00	82.50

## CYPRESS GREENHOUSE FLATS

18 in. x 11 1/2 in. x 2 1/2 in.

Convenient size for starting seeds. 25c each; \$2.75 per doz.

## HEAVY CEDAR PLANT TUBS

For growing Century, and other large plants. Made of the best red cedar, painted green, iron handles.



BISHOP WREN HOUSE  
60c to \$2.00.

## WEATHER-VANE FEEDER

No. 108. Made of cypress with glass sides. Contains a small basket for food. Length, including vane, 25 inches. Price, \$5.75.



RUSTIC SEED FEEDER  
\$2.25 each.



COCONUT WREN HOUSE  
65c each

# Bird's IMPROVED NEPONSET Flower Pots



**NEPONSET RED**  
For storage, transplanting and shipping.

	Doz.	100	1000
2 1/2 in. ...	\$0.15	\$0.60	\$4.15
3 in. ...	.20	.65	4.90
3 1/2 in. ...	.25	.85	6.15
4 in. ...	.30	1.00	7.60

**NEPONSET GREEN**  
Especially adapted for growing.

	Doz.	100	1000
2 1/2 in. ...	\$0.30	\$1.00	\$7.75
3 in. ...	.35	1.25	9.15
3 1/2 in. ...	.40	1.55	11.55
4 in. ...	.45	1.80	13.25

## Asbestos Torch

For burning caterpillars, worms and tree pests.  
Price, 65c.



*Like* **ALL NIGHT RAIN**  
IT REALLY SOAKS THE SOIL



- No. 1. Soil Soaker, 18 ft. ... \$1.90
- No. 2. Soil Soaker, 30 ft. ... 2.90
- No. 3. Soil Soaker, 50 ft. ... 4.75

**SOIL-SOAKER**



Soil Testing Kit, \$4.75  
Home Size, \$2.00

**R-V-LITE  
VITAPANE**

The modern window material. Weatherproof—withstanding sun, wind, rain, and snow. 50-ft. rolls, 3 ft. wide, we will cut it to any length you want. Ask for sample. Price, \$9.25 per roll.

## Wild Bird Seed

Attract birds to your garden and thus insure your crops against the ravages of insects.

Mixed Seed is Recommended for Seed-Eating Birds

# HOME GARDEN AND LAWN BARROWS

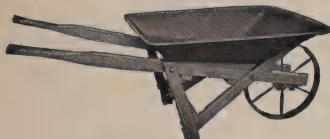
## "Charter Oak" Wheelbarrows

Made of selected thoroughly seasoned timber, well put together, braced and bolted. Full sized iron-hub wheels on steel axles, all nicely painted green.

### Net cash prices:

No. 64. Medium .....	\$8.00
No. 65. Medium, large .....	8.50
Wide Wheel .....	8.50
Boys' Garden. Sturdy and strong	5.90

## Handy-Garden Middy-Barrows—Price \$4.70



## Pneumatic Tired Wheelbarrows

Used extensively where the ordinary tires cut the earth. Price, \$14.75-\$15.50 complete.



## Steel Tray Barrows

For Conveying Concrete, Mortar, Sand, Gravel, Cement, Fertilizers, Manure, etc.

Capacity, 3½ ft. Weight, 62 lbs.

Price, \$8.50.

Rubber Tired, \$15.50.



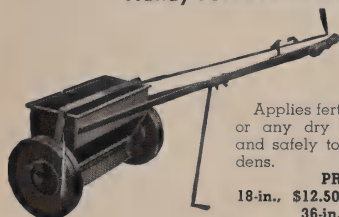
## Leaf Rack

Capacity 10 bushels, for gathering leaves, cut grass and rubbish. Price, not including wheel-barrow, \$7.75.

## Collins Axes



## Handy Fertilizer Distributor



Applies fertilizer, grass seed or any dry material evenly and safely to lawns and gardens.

### PRICES:

18-in., \$12.50; 24-in., \$18.00;

36-in., \$24.50.

Other Styles from \$3.35 up.



## The Shovel-Barrow

Rubber-Tired Wheels

\$18.00

Send For Descriptive Circular

## "HANDICART"

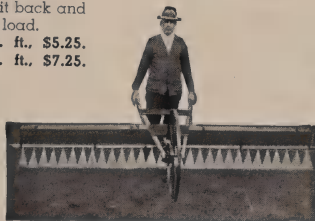
Just tip it down and rake grass-cuttings, leaves, trash, earth, sand, gravel, or what have you, then tip it back and you have a full load.

Size holding 2 cu. ft., \$5.25.

Size holding 3 cu. ft., \$7.25.

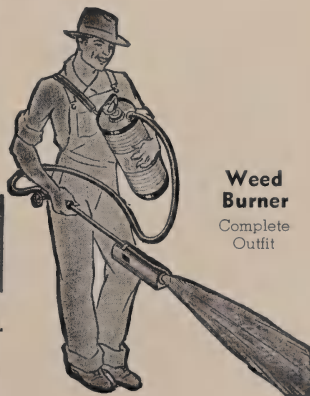


## Mattocks and Picks



No. 106 THOMPSON GOLF SPECIAL GRASS SEED SOWER, \$25.00

No. 5 GRASS SEEDER, 14-ft. Hopper, \$21.00.



## Weed Burner

Complete Outfit



# FERTILIZERS AND PLANT FOODS

We can quote special prices on quarter-ton, half-ton, ton and carload quantities.



## Makes All Plants Grow

Expert gardeners have used Wizard for more than 35 years to grow prize-winning lawns, flowers and big crops of crisp, delicious vegetables. Wizard manures are highly concentrated and absolutely weedless. They are lasting soil builders that supply an abundance of life-giving humus, furnish all plant food elements and Vitamin B-1 in a safe, natural form. Apply 8 to 10 lbs. per 100 sq. ft. in spring and fall. For mixing with soil, use one part manure to six parts soil; for making liquid, use one pound manure to five gallons of water; this can be used with safety daily if necessary. For top dressing grass use about 200 pounds for 25 square rods (equal to a plot 100 by 65 feet). Let Wizard put new beauty into your lawn and flowers. Economical and effective for the practical vegetable grower. 5 lbs. 35c; 25 lbs., \$1.10; 50 lbs., \$1.85; 100 lbs., \$3.25. 500 lbs. or more, special prices on application.

### Soiltex

An accurate set outfit for soil reaction—neutral or acid, and the degree of acidity—is shown by Soiltex with one short operation. Complete outfit, \$1.00.

### Cattle Manure

Shredded and dried and therefore considerably more concentrated than as it comes from the stable. 25 lbs., \$1.10; 50 lbs., \$1.85; 100 lbs., \$3.25.

### Fine Ground Knuckle Bone, Absolutely Odorless

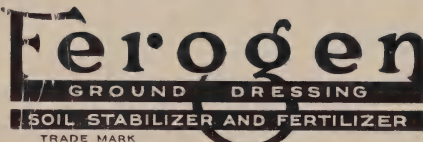
The grade we handle is strictly pure, ground from the knuckle bones, free from meat and marrow, therefore as odorless as flour. Use for lawns and grass plots about three pounds to each square rod, or fifty pounds for 100 feet by 50 feet. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.50; 50 lbs., \$2.60; 100 lbs., \$4.25.

### Fine Ground, Strictly Pure Bone

Pure bone is a most valuable fertilizer for all crops and plants. It can be applied at any time in any quantity desired without danger of doing harm to plant life. As it is not soluble in water and comes into use only by organic decay it is much slower in action than the chemical fertilizers, but retains the effects in the soil correspondingly longer. Use for lawns and grass plots about three pounds to each square rod, or fifty pounds for 100 feet by 50 feet. 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$3.90.

### Corn, Grain and Grass Top-Dressing

This superior dressing acts gradually throughout the entire season, producing a luxuriant growth of grass of a rich, velvety green color. This fertilizer also gives excellent results for seeding to grass; use 400 to 500 pounds to the acre at the time of seeding. Use for top dressing lawns three pounds to each square rod or fifty pounds for a plot 100 by 50 feet. 5 lbs., 40c; 25 lbs., \$1.35; 50 lbs., \$1.95; 100 lbs., \$3.40.



A remarkable plant food, soil stabilizer and ground dressing for your roses.

1 pound .....	\$0.75	10 pounds .....	\$ 4.75
2 pounds .....	1.25	25 pounds .....	11.00
5 pounds .....	2.75	100 pounds .....	40.00

NOTE: A 10-lb. tin is sufficient for one application for 30 to 50 plants.

### High-Grade Vegetable Compound

This is a complete manure, particularly adapted for the requirements of the market gardeners, also for use in the kitchen garden. It contains well judged proportions of ammonia, phosphoric acid and potash. Magnificent yields of potatoes and vegetables have been produced with this compound. 5 lbs., 30c; 25 lbs., \$1.25; 50 lbs., \$1.85; 100 lbs., \$3.15.

### Hydrated Agricultural Lime

Much used as a corrective for improper soil conditions, especially as a neutralizer for acid soils. Most vegetables are benefited by using lime. Apply at the rate of 15 lbs. to each square rod. 5 lbs., 25c; 10 lbs., 35c; 25 lbs., 50c; 50 lbs., 90c; 100 lbs., \$1.50.

SALT. For agricultural purposes and Asparagus beds, apply 600 to 800 pounds to the acre. 50 lbs., 90c; 100 lbs., \$1.50.

### Aluminum Sulphate

Used in encouraging the growth and creating an acid soil in which Azaleas, Rhododendrons and similar plants are planted. Use one pound to 10 square feet of surface. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$3.00; 100 lbs., \$5.00.

## GRO-FAST Plant Food



Recommended for lawns, flowers, shrubberies, vegetable gardens, potted plants, etc. Apply evenly at the rate of 4 pounds per 100 square feet on lawns and water thoroughly. In the garden use at the same rate, working Gro-Fast thoroughly into the soil.

5 lbs., 45c; 10 lbs., 90c; 25 lbs., \$1.60; 50 lbs., \$2.85; 100 lbs., \$4.50.

### Hubbard's Golf Green Fertilizer

8-6-2

With the long-lasting organic "balanced food" content for lawns. 100 lbs., \$4.40. Write us for quantity prices and literature.

### Nitrate of Soda

SUPER-FINE NON-LUMPING

A stimulant to all plants. Use it with care, 1½ ozs. per square yard, as a liquid fertilizer, 1 oz. dissolved in 1 gallon of water.

5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.35; 50 lbs., \$2.15; 100 lbs., \$3.75.

### Muriate of Potash

5 lbs., 50c; 25 lbs., \$1.50; 50 lbs., \$2.00; 100-lb. bag, \$3.95.

### Plain Superphosphate or Acid Phosphate

5 lbs., 25c; 25 lbs., 75c; 50 lbs., \$1.25; 100-lb. bag, \$1.95.

### Sulphate of Ammonia

SUPER-FINE NON-LUMPING

Feeds the grass and starves the weeds. An extra processed Sulphate that makes beautiful lawns, greens and lawns. Readily available and not easily leached from the soil. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.40; 100 lbs., \$3.95.

### Calcium Chloride

Ends dust—by laying dust and keeping it laid on dirt, gravel, concrete or similar surfaces. Apply one pound to square yard on gravel roadways. 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$1.75; 100 lbs., \$3.00.



*Make Your Garden the Family Recreation Room!*

● Does your family enjoy the garden and lawn? Your garden will be more appealing if you make sure the lawn is smooth and velvety-green, and the flowers are blossoming with vitality and beauty. Proper feeding goes a long way toward assuring the beauty you want. Use VIGORO, the complete plant food. It supplies all 11 elements plants need from soil. Clean, odorless, sanitary, Vigoro brings gardening success to millions.

#### PRICES

**VIGORO**  
Complete plant food

A Product of Swift & Company

100-lb. bag	....\$4.00
50-lb. bag	.... 2.50
25-lb. bag	.... 1.50
10-lb. pkg.	.... .85
5-lb. pkg.	.... .45

**PIONEER**  
**PEAT MOSS**



We invite inquiry; booklet and information upon request. Large bale (12 cubic feet, 20 bushels, and covers 240 sq. ft. 1 in. deep)

**ADCO**

#### Turn Garden Refuse into Manure

Adco is a powder which when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure, free from foul odor, flies, weed seeds, etc.

Adco can be had in packages of various sizes, designed to meet the needs of everything from the smallest garden to the greatest plantation.

Adco, in 25-lb. bags (enough for 12 wheelbarrow loads of garden waste, making ½ ton of manure), **\$2.25.**

Adco, in 100-lb. bags (4-25's) (enough for a heap 8 ft. x 8 ft. x 6 ft., making about 2 tons of manure), **\$8.00.**

Adco, in 150-lb. bags (enough for a heap 10 ft. x 10 ft. x 6 ft., making about 3 tons of manure), **\$11.50.**

Adco, in 7½-lb. cartons, **\$1.00 each.**

#### KEM LIQUID PLANT FOOD



A highly concentrated chemical nutrient solution—odorless, harmless, ready to use. To use, dilute with water. One gallon makes up to 90 gallons nutrient solution. **12-oz. bottle, 25c; qt., 50c; gal., \$1.00.**

#### BOVUNG

**Bovung** is dried cow manure. It contains the chemical value of fertilizer with the organic value of manure.

50-lb. bag	.....\$1.75
100 lbs.	..... 3.25



Improved Driconure is an all organic fertilizer embodying the fertilizing benefits of concentrated cow manure and poultry manure, plus the mechanical benefit and moisture regulating qualities of peat moss. Large 2½ bushel, **\$0-lb. bag, \$1.95; 100 lbs., \$3.50.**



#### VEGET-AID

For lawns, gardens, shrubs, trees, vegetables. Compounded on base of granular Tobacco Stems which add humus to the soil. Contains no sand or inert filler. **There is no waste in Veget-Aid.**

5-lb. carton	.....\$0.45
10-lb. bag	..... .85
25-lb. bag	..... 1.50
50-lb. bag	..... 2.50
100-lb. bag	..... 4.00

#### HYPONEX PLANT FOOD

GROWS SUPERIOR PLANTS IN SOIL, SAND OR WATER

Contains Vitamin B<sub>1</sub>

1-lb. can (makes 100 gals.)	.....\$1.00
3-oz. can (makes 18 gals.)	..... .25

**FULTON'S**  
**PLANTABBS**  
Odorless Plant Food Tablets  
Containing Vitamin B<sub>1</sub>

30 tablets, 25c; 75 tablets, 50c; 200 tablets, \$1.00.

**CASTOR PUMACE, COTTON SEED MEAL AND**

**SOYA BEAN MEAL**

Market Prices



## UNEXCELLED BIRD FOODS

Pep  
For Canary Birds

Nestling Food

Bird Wash  
A Germicide

Ideal Song Restorer

Bird Salve  
For Sore Feet

Natural Fish Foods

Bird Balm  
For Bald Heads

Bird Tonic  
For Birds in Captivity

Bird Nesting

Parrot Tonic, Etc.

Sweet Recleaned  
Canary and Rape

Large Striped  
Sunflower

Millet

Hemp

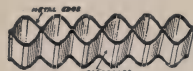
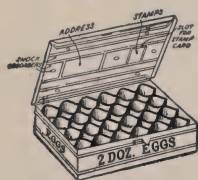
Out-of-Door Mixture

## Improved Dazey Glass Churns

2 qt.	\$1.75
4 qt.	2.65
6 qt.	3.35



## Parcel Post Metal Egg Crates



Plain Egg Boxes  
125 - 250

## DOGGIES! DOGS! DOGGIES!

### Q—W DOG REMEDIES

For

Fleas—Lice—Worms;  
General Run-Down Condition;  
Constipation—Distemper;  
Skin Diseases—Itching;  
Fits—Coughs or Colds;  
For Growing Pups;  
Rheumatism—Mange; Cuts;  
Tears—Bites, Etc.;  
To Promote Rich Glossy Coat;  
Disinfectant and Dog Dip;  
Irritations—Eyes or Ear—  
Warts and Parasitic Sores.

### PINE-OIL DISINFECTANT

For kennels and dog-  
houses. Pleasing pine odor.  
Highly recommended for sta-  
bles. Gal., \$2.25; 5 gals.,  
\$8.75.



STEWART ELECTRIC  
CLIPMASTER  
Price, \$21.95.

### Sanitary Milk Strainer Milk or Cream Bottles



"Scamper for your life—Leray is on the  
job," say fleas, lice and other insect pests.  
Leray will kill in seconds, without harm to  
humans or animals.

Complete, ready to plug into any A. C.  
or D. C. current. \$7.50.

### The Acme Egg-Grading Scale, \$2.75



## GAINES DOG FOODS

Choice of the U. S. Antarctic Expedition

### GAINES MEAL

Add water and this becomes a com-  
plete food for dogs of all ages and  
breeds. Excellent for puppies.

5 lbs.	\$0.50
10 lbs.	.95
25 lbs.	2.10
100 lbs.	6.95

### GAINES 90

A canned food that's 90 per cent  
meat, bone and marrow. Takes the place  
of fresh meat.

1-lb. can	\$0.15
10 cans	1.25
Case (24 cans)	2.95

### GAINES KRUNCHON

The Meal in pellet form. Has all the  
advantages of a hard food plus the  
proven nutrition of the Meal.

5 lbs.	\$0.55
10 lbs.	.95
25 lbs.	2.25
100 lbs.	7.45



### Shrubbery Protector

Makes the dog's visit to all  
shrubs and plants so uncom-  
fortable that he keeps away. So  
constructed that it cannot harm  
the dog. \$2.35 per doz.



### PUSSY-SCAT

Pleasant odor. Cats keep off furniture  
where Pussy-Scat has been used. Duster  
tin, 25c; Large, \$1.00.

### Liquid Chaperone

For outdoor  
use only  
Spray lightly  
around shrubs,  
hedges, ever-  
greens, door-  
steps, garbage  
cans, etc. 50c  
and \$1.00.

### Chaperone Powder

Makes your  
dog behave in  
the house.  
Keeps dogs off  
rugs and furni-  
ture. Powder is  
almost odor-  
less. \$1.00.









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## Suggestions to those who order from this catalog

**HOW TO ORDER BY MAIL.** Use order sheet herewith. Be particular to sign your name, post office, county, and state on each and every order or letter sent us; also give shipping directions. When not specified, we will forward by either mail, express, or freight, as may seem to us most advisable.

**REMITTANCES** may be sent by Express Order, Post Office Order, Bank Draft or Registered Letter. The cost of remitting by either of above methods can be deducted from amount of bill on orders amounting to more than a dollar. Postage stamps accepted the same as cash in amounts of one dollar or less.

**PACKING.** We make no charges for cases or packing, only for cotton and burlap bags, these we invoice at cost and make full allowance when returned PREPAID in good condition.

**RATES OF POSTAGE ON PARCEL POST MATTER TO BE FULLY PREPAID—UNSEALED**—are as follows:

(a) Parcels weighing 8 ounces or less, except books, seeds, plants, etc., 1½ cents for each two ounces or fraction thereof, any distance.

(b) Parcels weighing 8 ounces or less, containing books, seeds, cuttings, bulbs, roots, scions, and plants, 1 cent for each 2 ounces or fraction thereof, regardless of distance.

(c) Parcels weighing more than 8 ounces containing seeds, plants, etc., and all other parcels of fourth-class matter weighing more than 8 ounces, are chargeable, for a distance of 150 miles from our store, at the rate of 8 cents for 1 pound, and 1.1 cent extra for each additional pound or fraction thereof.

**C. O. D. PARCEL POST.** For collections on parcels, the following rate shall apply in addition to the postage: 1c to \$5.00—12c; \$5.01 to \$25.00—17c; \$25.01 to \$50.00—22c.

**TESTED SEEDS.** All seeds sold by us are thoroughly tested as to germinating quality; all are put up for our trade by our own employees under the careful supervision of experienced managers. We believe our seed stocks are the best to be found, and that our prices are as low as is consistent with first quality.

**CADWELL & JONES, INC.,** give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants, insecticides or fertilizers they sell and will not be in any way responsible for the crop or results. Tests are given for comparison only and are not guaranteed. No liability assumed by

CHARLES B. MACDONALD, President  
MARION B. DENISON, Treasurer  
EMIL O. MOLL, Secretary

**CADWELL & JONES, Inc.**

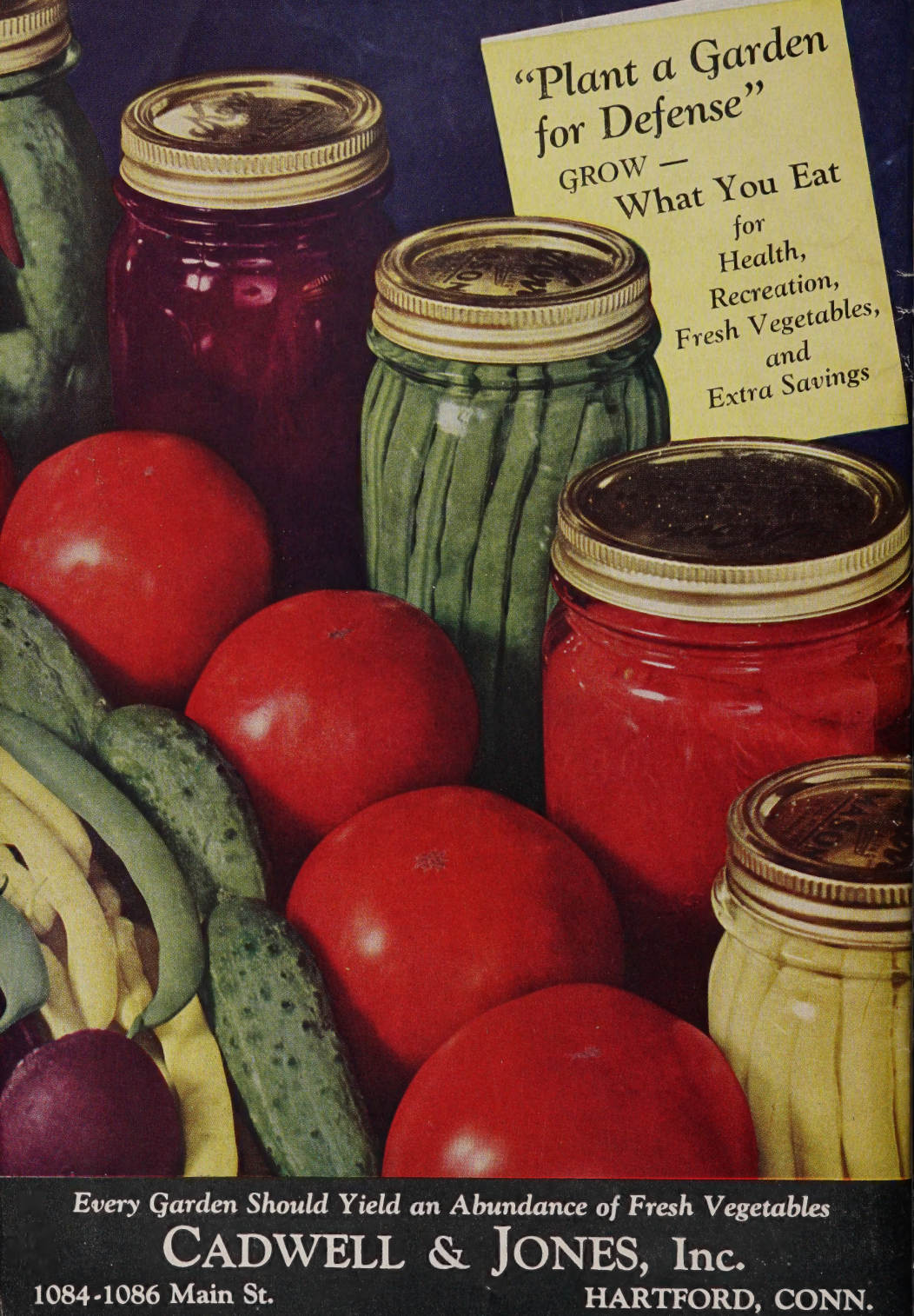
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1084-1086 Main Street

HARTFORD, CONN.

Drive Up To Our Store. We Will See That You Are Parked





**"Plant a Garden  
for Defense"**

**GROW —**

**What You Eat**

for  
Health,  
Recreation,  
Fresh Vegetables,  
and  
Extra Savings

*Every Garden Should Yield an Abundance of Fresh Vegetables*

**CADWELL & JONES, Inc.**

**1084-1086 Main St.**

**HARTFORD, CONN.**